

670	27364	92836	09428	61208	74982	36498	32764	81276	01
4986	40932	70987	32123	49817	26346	81287	65491	87364	81
721	75654	55656	12737	72727	72727	91918	63473	67867	76
6723	87629	37677	32612	53498	71296	28756	18276	98716	87
7269	76329	74698	76857	98670	27601	56701	57601	73648	15
591	87364	87265	96710	27630	12673	84769	28743	98127	59
58	63298	75698	27465	87326	49876	28376	81273	98615	62
667	87432	74328	78674	29867	32867	67867	86786	43286	432
667	68768	68763	34234	34238	68768	62342	48273	48768	234
936	98432	32432	86743	43286	43286	43286	43286	43286	432
743	86743	86743	39867	32867	86743	43286	43286	43243	867
741	86743	86743	86743	86743	86743	86743	86743	86743	435
543	98798	98754	98754	98754	98754	29867	67543	67986	867
976	87698	69876	87698	69876	87612	12341	34867	86798	632
967	43298	65656	56756	56123	32143	14321	32143	14321	321
71	02787	58765	76587	58765	76587	58765	76587	58756	765
75476	26543	54365	36543	54365	36543	54365	36543	54365	543

Numbers & Oddities *a.k.a. The Spooks Newsletter*

Edition #161, February 2011

Editor: Ary Boender email: ary@luna.nl

Check for previous newsletters, info, sound samples and databases also:

NUMBERS & ODDITIES <http://www.ary.luna.nl>

<http://www.numbersoddities.nl>

SPY NUMBERS ONLINE DATABASE <http://www.spynumbers.com/numbersDB>

UTILITY DXERS FORUM (UDXF) <http://www.udxf.nl>

Hello everyone. A new numbers station popped up on 25-1 and again on 2-2. It sounds a bit strange, a bit amateuristic. Is it a fake? See the Utility Round-up for details. Further lots of S28 messages and more....

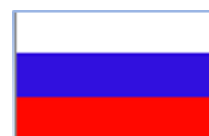
VOICE STATIONS

E11



Mike copied the following strange E11 message on 6923 kHz, 1630 UTC, 11-02: 755/555/00

G06



G06 can frequently be heard on various frequencies. Here are two logs from Mike:

4519 kHz, 1830 UTC, 10-02. YL/GG: 271 453 15 23154 76894 28592 24319 10957 37265 18547 29783 25471 28563 24185 35473 86759 47695 46573 453 15 00000.

4792 kHz, 1930 UTC, 10-02. YL/GG: 436 721 15 35472 48973 24319 45285 98352 17639 25481 27496 98064 35093 23176 45383 56498 36453 34264 721 15 00000

S28 - The Buzzer (UVB-76 / MDZhB)



Since the changes in September you can hear voice messages on 4625 kHz on an almost daily basis. The majority of the transmissions in the period 1 Sept – 22 Feb were heard between 1200-1300 UTC: 14x, 1300-1400 17x, 1400-1500 31x, and 1500-1600 22x. So if you haven't heard the station yet, try it between 1200 and 1600 UTC.

This month's logs were submitted by Danix111, SWL1409, Hans and Ary. The most interesting transmissions were on 14-2 when they transmitted new/collective? callsigns and the 24th when no less than 16 messages were transmitted including two with new/collective? callsigns.

The Buzzer regularly has problems with its audio generator. A compilation recording of the problems on 19-02 between 1818 and 1925 UTC is available from the N&O website.

T! copied a sister station of MDZhB on 6409 kHz at 1425 UTC on 21-02. Male voice. Message: "Marka 50 Marka 50 74 310 SVYeZhAK Semyon Vasilij Yelena Zhenya Anna Konstantin 16 99 60 79". You can find the recording on the N&O website.

01-02	1347	МДЖБ МДЖБ 34 243 АЛЛОПАТ 77 24 55 17 УЛЛА 22 96 59 34 MDZhB MDZhB 34 243 ALLOPAT 77 24 55 17 ULLA 22 96 59 34
02-02	1350	МДЖБ МДЖБ 33 306 АЛКЕРАН 27 56 14 43 MDZhB MDZhB 33 306 ALKERAN 27 56 14 43
05-02	1135	МДЖБ МДЖБ 84 698 ВИЧОВКА 19 07 62 37 MDZhB MDZhB 84 698 VICHOVKA 19 07 62 37
	1150	Male voice. Note the error in red. It occurred when the message was repeated. Recording on the N&O website. МДЖБ МДЖБ 84 798 ВИЧОВКА 19 08 62 37 MDZhB MDZhB 84 798 VICHOVKA 19 08 62 37 МДЖБ МДЖБ 84 798 ВИЧОВКА 19 07 62 37 MDZhB MDZhB 84 798 VICHOVKA 19 07 62 37
06-02	1445	МДЖБ МДЖБ 12 905 ГЛИКОЛОЛ 37 21 15 84 БЛИЗНЯК 98 02 47 89 MDZhB MDZhB 12 905 GLIKOLOL 37 21 15 84 BLIZNYAK 98 02 47 89
07-02	1240	МДЖБ МДЖБ 68 870 БИЦУЛЛИН 27 95 37 57 MDZhB MDZhB 68 870 BICULLIN 27 95 37 57
	1330	МДЖБ МДЖБ 48 553 БИЦА 59 80 02 83 MDZhB MDZhB 48 553 BICA 59 80 02 83
	1334	МДЖБ МДЖБ 77 774 ЧИХОТА 98 95 23 38 MDZhB MDZhB 77 774 CHIHOTA 98 95 23 38
08-02	1509	МДЖБ МДЖБ 52 320 ФЛЕШ 70 22 14 80 АЛЕУОМЕТР 23 50 15 04 MDZhB MDZhB 52 320 FLESH 70 22 14 80 ALEUOMETR 23 50 15 04
10-02	1420	Female voice. МДЖБ МДЖБ 61 877 ДИХЛОРОФОС 33 65 69 53 MDZhB MDZhB 61 877 DIHLOROFOS 33 65 69 53
	1422	Female voice. МДЖБ МДЖБ 53 161 ДИФЕНИЛЕН 89 49 24 54 MDZhB MDZhB 53 161 DIFENILEN 89 49 24 54
11-02	1425	Male voice. МДЖБ МДЖБ 89 915 ЭЛЕКТРУМ 76 27 89 80 MDZhB MDZhB 89 915 ELYEKTNUM 76 27 89 80
13-02	1515	Female voice. МДЖБ МДЖБ 88 625 АЛЕКСИН 88 55 33 63 MDZhB MDZhB 88 625 ALEKSIN 88 55 33 63
14-02	1448	Male voice. КЗЙТ ЛНР4 35 993 44 723 ИЛЕК 72 11 21 19 KZJT LNR4 35 993 44 723 ILEK 72 11 21 19

15-02	1635	МДЖБ МДЖБ 55 944 БЛЕЗИР 84 94 72 16 MDZhB MDZhB 55 944 BLYeZIR 84 94 72 16
	1637	МДЖБ МДЖБ 55 944 БЛЕЗИР 84 94 72 16 MDZhB MDZhB 55 944 BLYeZIR 84 94 72 16
18-02	1450	Male voice. МДЖБ МДЖБ 78 819 ОЛЕВСК 17 30 93 71 ГЛЕВ 70 54 43 79 MDZhB MDZhB 78 819 OLEVSK 17 30 93 71 GLEV 70 54 43 79
20-02	1427	МДЖБ МДЖБ 35 477 Флеботомус 59 26 61 36 MDZhB MDZhB 35 477 Flebotomus 59 26 61 36
	1431	МДЖБ МДЖБ 00 480 Хлеботорез 71 53 89 37 MDZhB MDZhB 00 480 Hleborez 71 53 89 37
21-02	1147	MDZhB MDZhB msg. Unreadable
	1211	MDZhB MDZhB msg. Unreadable
	1233	MDZhB MDZhB msg. Unreadable
	1401	MDZhB MDZhB 92 175 Diskhidin 14 19 92 56
	1419	MDZhB MDZhB 38 777 Ristalishche 49 38 14 69
	1458	MDZhB MDZhB 89 873 Lisokhvost 40 95 59 44
24-02		16 messages. All male voices. Note especially the transmissions at 1101, 1118, 1131, 1207 and 1213 UTC. Times are approximate.
	1008	Unreadable
	1012	Unreadable
	1058	MDZhB MDZhB 49 1?? FLANEC 69 95 ?? ??
	1101	MDZhB MDZhB 26 146 ALAN 08 49 11 ??
	1118	MDZhB MDZhB 00 836 ELAN 80 18 ?? ??
	1131	MDZhB MDZhB 53 929 ULAN 90 34 44 51
	1139	MDZhB MDZhB 27 976 PLAKALASHchIK 52 13 39 83 BLAZhNIK 95 ?? ?? 63
	1207	KZJT KZJT MBYShch MBYShch (КЗЙТ МБЫЩ) 60 582 37 817 GLADYRJ 30 53 41 11 GLADAK 41 10 19 56
	1213	V6BY V6BY (В6БЫ) 60 582 37 817 GLADYRJ 30 53 41 11 GLADAK 41 10 19 56
	1233	MDZhB MDZhB 09 507(?) VLIVANIYe 84 88 07 60 VISLYaTKA 52 88 07 60 BIRYuZOVYj 52 65 90 53
	1255	MDZhB MDZhB 87 314 BIRUHA 30 30 14 89 ZHIROPOT 31 97 24 58
	1317	MDZhB MDZhB 61 880 BLAGOChINIYe 66 36 87 97 SLAVIL'ShchIK 85 00 14 68
	1405	MDZhB MDZhB 34 180 FLAVANON 36 52 10 80
	1446	MDZhB MDZhB 26 985 AKUShERSKIY 49 75 10 97
	1523	MDZhB MDZhB 86 347 SKUTOZAVR 03 70 98 89(87?)
	1533	MDZhB MDZhB 81 796 AKSUAT 30 92 30 20
27-02	1215	Male voice. MDZhB ... (barely audible)
	1220	Male voice. MDZhB ... (barely audible) Times are approximate.

28-02 1624 Male voice. Time is approximate.
MDZhB MDZhB 80 940 Aksuat 86 86 76 97

S30 – The Pip



S30 seems to be more active than in previous years. Daniel sent us the following logs. Thanks OM!!

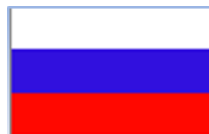
3756 kHz, 1605 UTC, 01-02: ShchL1L 70 846 VYeRIN 81 78 16 54

5448 kHz, 0535 UTC, 08-02: Message. Male voice. First group is SB7Z.
Recording at <http://soundcloud.com/danix111-dx/s30-5448usb-20110208-0536z>

3756 kHz, 1602 UTC, 10-02: Message “Dlya ShchL1L VLDH HDZ1 ZJ8B [...] 78MJ [...] kak slyshno, kak slyshno? Priyom”

3756 kHz, 1719 UTC, 26-02: Message. Callsign “8S1Shch”

V07



I haven't seen a log of V07 in quite a while. Hans found the station on 9445 kHz at 1243 UTC on 11-02. A nice one Hans!!

VC01 – Chinese Robot



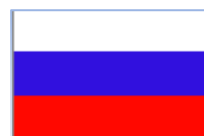
7756 kHz, 2026 UTC, 24-2: Chinese Robot

7756 kHz, 2249 UTC, 27-2: Chinese Robot

7756 kHz, 1430 UTC, 28-2: Chinese Robot

MORSE STATIONS

MX - Russian Military beacons



Reported beacons and channel markers.

European Cluster Beacons: D, S, C, A

Asian Cluster Beacons: F, K, M

Channel markers: P, R, V

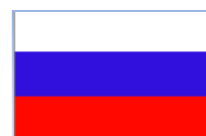
P – 4043 kHz

R – 4325.9 kHz

V – 3658, 4961 kHz

M21

Russian Air Defence Forces **Voyska Protivo Vozdushnoy Oborony** **Во́йска ПВО Voyska PVO**



Two Ukrainian voice sister stations of M21 were heard by Joe and Peter (PPA) this month. I have uploaded a nice recording from Joe of the 4460.5 kHz transmission.

In the past N&O received also logs of the voice version of M21 itself. We will use designator [M21b](#) for these M21 voice transmissions in the logs database and [M21a](#) for the morse variants of M21. The voice version of M21a is [M21c](#).

M21b frequencies: 3330, 5097 en 5254 kHz.

M21c frequencies: 2053, 2300, 2447, 2561.5, 2548, 2762, 2829, 3176, 3280, 4380, 4460.5, 4606, 5337 kHz.

M21 logs

Id "0": 3323 kHz

Id "9": 6823.5 kHz

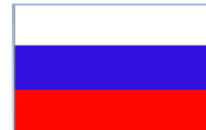
M21c logs

2762.0 kHz, 0459 UTC, 07-02, USB. Ukrainian Air Defense. Male reading Radar data.

4460.5 kHz, 1725 UTC, 13-02, USB. Ukrainian Air Defense. Male reading radar data "22nd 340 to 82; 29th 140 to 105; 30th 258 to 105; 35th 332 to 140", etc.

M41

Russian Air Defence Forces
Voyska Protivo Vozdushnoy Oborony
Во́йска ПВО Voyska PVO



5774 kHz, 0503 UTC, 03-02: Marker "37C5 37C5 ... 37C5 ar".

M89 – Chinese military

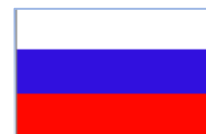


VVV Q2M Q2M Q2M DE NYZ NYZ QSA? k	4860, 6840 kHz
V MB3R MB3R MB3R DE YA6X YA6X	4368, 6688 kHz
V QPZM QPZM QPZM DE WOXN WOXN	3327, 4523 kHz
V JA3L JA3L JA3L DE UN2T UN2T	4532 kHz
V 7NPE 7NPE 7NPE DE QV5B QV5B	4225, 5500, 8110 kHz
V DKG6 DKG6 DKG6 DE 3A7D 3A7D	7602 kHz
V GKVZ GKVZ GKVZ DE Q7NW Q7NW *)	3297 kHz
V YAV8 YAV8 YAV8 DE OTUV OTUV	7737 kHz

*) Note: Q7NW was picked up sending either tracking or time string traffic. Hand sent and copy poor due to QRN. Cut number format used was AU34567DNT

VARIOUS MODES

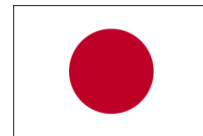
M42 & X06 Russian Government / Intelligence



14825	07-02	0737	Mazielka. Sequence: 641523
11025	08-02	1007	Mazielka. Sequence: 612534
15828	11-02	1043	Mazielka. Sequence: 256134
6988	12-02	1348	Russian Gov/Intel. 50x5FGs "... 16615 =150= // -1349 K" into CW. Mode: Baudot 50/500
7625	14-02	0954	RRL2, Russian Gov/Intel. Slow revs and data bursts, end of traffic at 1001, ch resting on NON at 7624.75 after messages. Mode: RUS-ARQ

11462	15-02	0909	Mazielka. Sequence: 165423
14970	16-02	1143	Mazielka. Sequence: 216354 Stops after 30 minutes !!
14570	18-02	0925	Mazielka. Sequence: 324615
14824	18-02	1035	Mazielka. Sequence: 625413
16223	20-02	1113	Mazielka. Sequence: 164532
14631	21-02	1012	Mazielka. Sequence: 362154
13510	22-02	1058	Mazielka. Sequence: 612534
5325	24-02	0520	Russian Gov/Intel. "VVV RFT6 RFT6 RFT6 de RND79 RND79 ZHC? ZHC?" Mode: RUS-ARQ 100/500 & CW
12300	24-02	0748	Mazielka. Sequence: 145 (3 tone rising scale)
9140	28-02	0747	RCV26: Russian Gov/Intel. Mode: CIS-14 2x100/500

XSL – Japanese Navy a.k.a. "Slot Machine"



Peter copied the station via the Perseus remote site in Japan.

Frequencies: 4294.5, 6392.5, 6417, 6445, 8550.5, 8587.5, 8703 kHz.

Mode: 8 tone PSK/800/2400

MILITARY STATIONS

M32 - Russian/CIS/Ukrainian Military SSB & CW Stations



18.1	Russian General staff. Strategic messages. // 3548, 4582, 5438, 6342, 7657, 8508 kHz
2654.0	Russian Mil: "7JCK de 4FYA"
2706.0	Russian Mil: "L6BD de HGPE K"
2737.0	Russian High Command, hand keyed msg to collective REA4 " ... 8 7 9 6 9 9 i i i 1t78_ b t r e 4 k"
2814.0	Russian/CIS mil TKF6 clg 8U8G "zgi zns zay zni znt zux qsu1 qyt4 qsu6 k"
3832.0	Russian Navy: RHC84 "RHC84 764 195 10 0620 764 = SML = ... (5LGS)"

4055.0 Russian Navy: RCV.

4079.0 Russian Navy Kaliningrad: RMP "REO de RMP QTC 848 31 11 2003 848 = Prip Kaliningrad 4 karta 27001 kniga 2201 port baltiysk ogonx buä nr 3 prawoj s torony 54 tire 38 öök 0s 019 tire 53 tök 7w po knige nr 46 05 ne _ejstwuuet = AR".

RMP broadcasts to collective REO; "reo reo de rmp rmp qtc 529 2t 2t 2tt2 529 = nawip po baltiske ..."

4198.5 Russian Navy: RCBR radio check with RBIJ

4306.0 Russian / CIS mil.

5018.0 Russian Mil: "rju56 rju56 rju56 de rjd23 rjd23 k" then callup "rlv52 rpb rmae rjc66"; no traffic.

5066.0 Russian Navy: RGZ58 wkg RCV.

5111.0 CIS Mil: DSSL radio check with 3NSU and F6KF.

5266.0 CIS Mil: CRAO clg FHNU.

5282.5 Russian Mil: JZO1. 5LGs "JZO1 475 54 12 1530 475 = 282 = AAAAA ZLYuGsh ... ABKDK k"

5310.5 Russian Mil: 5LGs "... 321 = 282 = PPPPP PRYTA KENGR ... ABKDK k"

5319.0 Russian Navy: RCV clg RHC84, 5LG traffic.

5376.0 Russian Mil: N2CS 5LG to unid "N2CS 125 23 25 0246 125 = ZMI 314 = PPPPP IEZUE BWJPD ... IEZUE BWJPD WTPYaO 018 k", nxt QTC after "ADKL de N2CS QTC ZPY k", "N2CS 940 20 25 0302 940 = ZPY 282 = PPPPP GLIOH ShYaTTsh ... GLIOH ShYaTTsh WTPYaY 018 k". 25Feb11 (ALF)

5397.0 Russian Mil: 1S7A wkg HC1S, KKGn, 9FEJ, NAOC for radio checks.

5438.0 Russian Mil: 74 x 5FG message ... "12275 38555 28380 ... 34061 60521 11074 K".

5736.0 CIS Mil: 7T1U duplex radio check with PLYT

6220.0 Russian Mil: VHOu. "VHOu VHOu VHOu 587 20 8 0250 587 = ZBV 824 = PPPPP WFOVX COJFU ... WFOVX COJFU PIPYaY 763 k" then wkg DY4O, M35R, JRYC, 1V7V, 7OZ8, HM1Z, 7ZWE. "R 587 ? k"; "VHOu = ZBV 824 k""HM1Z de VHOu QTC ZBF" into "133 23 8 0306 133 = ZBF 158 = OKJYuO BLMIJ (19x5LGs) KDKAO PIPYaO 763 k".

6409.0 Russian Mil: voice message. "Marka 50, mMarka 50 74 310 SVYeZhAK Semyon Vasilij Yelena Zhenya Anna Konstantin 16 99 60 79"

6832.0 Russian Navy Kaliningrad: RMP. "rhn85 rbes de rmp qtc 552 2t 1t"

6922.0 Russian Mil: 2VNJ clg G18E, XWSR, WUYD.

7018.0 Russian Air Force: REA4 "REA4 = 26120 23672 etc REA4 K"

7044.0 Russian Air Force: REA4 "REA4 = 05180 20173 5FGs = REA4 K"

7172.0 Russian Mil: RIR2 wkg to RCB94.

7206.0 Russian Mil: JEVN wkg I86C for radio check.

7566.0 Russian Navy: RCV navigational warnings to RGX94.

7861.0 Russian Mil: RAL2 radio check with RDU2 and RFH2.

7983.0 CIS Mil: D2DA radio check with DIWU.

7646.0 CIS Mil: "VMEZ VMEZ QTC AR"

7660.0 Russian mil. End of msg; " ... -1283 3168t 28t2t k", later at 0810 OYYX calling AG8F and passing telegram time stamped UTC+3h with 5LG's using cyrillic characters.

7969.0 Russian Mil: 9UMR wkg JDW2 w/OP-chat "QBE QYT9"; then 3DGR wkg JDW2.

8696.0 Russian General Staff. Strategic 5LG msg to collective RDL; "rdl rdl rdl 19t61 21174 19t61 21174 19t61 21174 k", // 00018.1 (Arkhangelsk), 7657, 8508, 9346, 11468, 12741, 14411 kHz.

8816.0 Russian Naval Transport.
Aircraft 71678 wkg RJF94 and RCB "QTO 0806 QRD XMWB XLLV QRE 1036 QAH 5400 QBD 4600 k"
RJF94: Naval Air ATC Moscow replies.
RCB: Naval Air ATC West replies.
Naval Transport Aircraft 42802 wkg RJF94 and RJC38 "QTO 1342 QRD XUOM XLMD QRE 1637 QBD 14000 k".
RJF94: Naval Air ATC Moscow replies.
RJC38: Naval Air ATC North replies.

10377.0 Russian High Command (Army?) XXX RGT77 40500 kewrolec 2307 3081 k

10442.0 REA4: Russian High Command

14411.0 General Staff Moscow. FSK Morse "xxx RED4 RDL 49667 50087 brodilxnä 7058 6718 k"; "xxx RDL 64624 97920 polzunok 3616 5178 k".

17460.0 VGK High Command Moscow.
XXX REU 85689 88606 dezbelxe 8698 9953 kedukciä 8847 9218 k
XXX RED4 RDL 29849 33295 legitimist 7077 9771 k
XXX RDL 09361 41025 mokrowoda 6728 9955 k
XXX RED4 RDL 01936 40500 kewrolec 2307 3081 k
XXX RED4 RDL 62388 75441 odnovenec 7703 6935 wgladca 1654 7698 k

- 18764.0 Russian High Command “xxx xxx reu reu 64489 97575 predrostok 8907 6036 – k”;
“red4 red4 rdl rdl 40954 91938 predlovnyj 7069 6690 k”
- 19210.0 Russian General Staff. Strategic message. // 00018.1, 7657, 9346, 11468, 12741,
14411, 17460 kHz. Later strategic flash message addressed to collective REU “xxx xxx
reu reu 72278 84_65 swirelx 7547 3210 k”
-

UTILITY ROUND-UP

Unid numbers station

The station was first reported by Leif who heard it on 8000 kHz at 0803 UTC on 25 January. Hans copied the same station on 2 February on 11000 kHz at 1028 UTC and on 14000 kHz at 1030 UTC.

Characteristics:

- Synthesized English female voice
- Mode: LSB
- The station transmits letters and figures, no groups
- The space between the characters differs

When I heard the station for the first time I thought that it was a synthesized EAM. Additional logs and info is most welcome. You can find two recordings on the N&O website.

Polish Pip



The Polish pip is normally a daily guest on 1812 kHz but has been silent for a while.

Unid station MWKJ

MWKJ showed up on its usual frequency 3343 kHz. Daily schedules. Exact DFs are very welcome!

Unid station KTR4

3207//3860 kHz, 1345, 1515, 1915, 2055, 2215 UTC, various dates: KTR4 (R10)
Previous callsign used on these two // frequencies was L6YC.

Pirate

6998 kHz, 1450, 06-02: Italian Pirate using c/s HWK7 with political texts and VVV marker.

MFA Cairo



MFA Cairo

Mode: Sitor-A+B (ARQ/FEC)

8022	1615	06-02	s/c TVVC (Embassy Baghdad), into "FMFM...FMFM (=RY) KDS YVMKM HOKDS (=To Baghdad) JG KDCFUSG (=From MFA Cairo) ODS 3338 3338 3338 (=I go to 8333 kHz)"
8333	1622	06-02	s/c TVVC (Embassy Baghdad)
14981.7	1263	26-02	MFA Cairo calling s/c OOVK Jakarta

Driftnet beacons



1748.0	4KHE. 3x with long dash. every 4 minutes.
1787.0	4LIV. 3x with long dash. every 4 minutes.
1787.0	4KLU. 3x with long dash. every 3 minutes
1985.0	4IAN. 3x with long dash. every 3 minutes.

(logged by Jon-FL)

Unid "Prova"

Sam copied an unid RTTY station. Can anyone identify this one? It is possibly an Italian Station.

4758 kHz, 2308 UTC, 16-2, Baudot 50/200. Repeated message "RYRYRY PROVA"

"PROVA" is an Italian word meaning "TEST"

Rooster on 11354 kHz

11354 kHz, 1623 UTC, 18-02. Also heard on 19-02. Unid voice mirror. Female voice in Russian telling the time. Interspaced with beeps and at times the sound of a rooster. Probably a talking clock. Are we dealing with a pirate station here?

The voice said:

"...nadsat chasov sorok vosem" = ...teen hours forty eight

"...nadsat chasov sorok deviat" = ...teen hours forty nine

The first word is distorted.

The station was first reported by Gary. A recording can be found on the N&O website and in the UDXF files section.

Intelligence profile:

Jordan



Background

Following World War I and the dissolution of the Ottoman Empire, the UK received a mandate to govern much of the Middle East. Britain separated out a semi-autonomous region of Transjordan from Palestine in the early 1920s, and the area gained its independence in 1946; it adopted the name of Jordan in 1950. The country's long-time ruler was King HUSSEIN (1953-99). A pragmatic leader, he successfully navigated competing pressures from the major powers (US, USSR, and UK), various Arab states, Israel, and a large internal Palestinian population. Jordan lost the West Bank to Israel in the 1967 war and barely managed to defeat Palestinian rebels who attempted to overthrow the monarchy in 1970. King HUSSEIN in 1988 permanently relinquished Jordanian claims to the West Bank. In 1989, he reinstituted parliamentary elections and initiated a gradual political liberalization; political parties were legalized in 1992. In 1994, he signed a peace treaty with Israel. King ABDALLAH II, the son of King HUSSEIN, assumed the throne following his father's death in February 1999. Since then, he has consolidated his power and undertaken an aggressive economic reform program. Jordan acceded to the World Trade Organization in 2000, and began to participate in the European Free Trade Association in 2001. In 2003, Jordan staunchly supported the Coalition ouster of Saddam in Iraq and following the outbreak of insurgent violence in Iraq, absorbed thousands of displaced Iraqis. Municipal elections were held in July 2007 under a system in which 20% of seats in all municipal councils were reserved by quota for women. Parliamentary elections were held in November 2010 and saw independent pro-government candidates win the vast majority of seats.

General

Country name: Al Mamlakah al Urduniyah al Hashimiyah
(Hashemite Kingdom of Jordan)
Short name: Al Urdun (Jordan)
Capital: Amman
Governorates: Ajlun, Al 'Aqabah, Al Balqa', Al Karak, Al Mafraq, 'Amman, At Tafilah, Az Zarqa', Irbid, Jarash, Ma'an, Madaba

Military branches

Jordanian Armed Forces (JAF):

- Royal Jordanian Land Force (RJLF)
- Royal Jordanian Navy
- Royal Jordanian Air Force (Al-Quwwat al-Jawwiya al-Malakiya al-Urduniya, RJAF)
- Special Operations Command (SCom)

Security / Intelligence agencies

- Dairat al-Mukhabarat al-Ammah (General Intelligence Directorate - GID)
- General Directorate of Gendarmerie (GDG)
- Public Security Directorate or Department (PSD)
- Security and Protection Unit of the Supreme Commander
- Royal Jordanian Special Operations Command (RJSOC)
- Military Intelligence: Jihaz-al Raddad (RASD) Directorate of General Intelligence

Dairat al-Mukhabarat al-Ammah (General Intelligence Directorate – GID)

GID was established in 1964. Before that time the department was known as the General Investigation. The director and officers are appointed by a Royal Decree. They all have university degrees in different majors and must go through security check before joining the service. The GID is tasked with collecting and analyzing information to assist the government in political decision making. The GID websites describes their duties as follows:

GID's strategy is derived from its laws and applicable legislation calling for the protection of National Security. In particular, GID executes the following duties to meet this objective:

- ***Collection and analysis of information for presentation to the political decision-maker.***
- ***Countering of ideological sabotage which could lead to material destruction, in addition to countering attempts at infiltrating the Jordanian society.***
- ***Countering of material sabotage and combat of terrorism irrespective of its forms, targets and sources.***
- ***Countering of espionage.***
- ***Intelligence duties and operations to safeguard national security.***
- ***Other duties assigned to GID by the Prime Minister in writing.***

General Directorate of Gendarmerie (GDG)
Public Security Directorate or Department (PSD)

Jordan's police force, known as the Public Security Directorate or Department (PSD), comes under the control of the Ministry of the Interior.

In January 2008, the Gendarmerie force was set up which incorporates the former PSD's Special Security Forces unit (Special Forces Brigade), the Police Air Wing, the Diplomatic Security Unit and several other elements. The new force came under the control of the General Directorate of Gendarmerie (GDG) and the responsibility of the Minister of the Interior.

The Security Forces Brigade is a lightly-armed unit that operated mainly outside the cities.

Security and Protection Unit of the Supreme Commander is responsible for the protection of the royal family.

Royal Jordanian Special Operations Command (SOCOM)

The RSJSOC includes the Royal Guards, the Special Forces Brigade, and Special Operations Unit 71, the Royal Guard, intelligence units, an airlift squadron, the Police Public Security brigade (also known as the Police Security Forces brigade). The PSD normally falls under Ministry of Interior, but comes under JAF in wartime or crisis. The SOCOM is responsible for internal security, anti-terrorist ops, and is the strategic military reserve.

Military Intelligence: Jihaz-al Raddad (RASD) Directorate of General Intelligence

Jihaz-al Radad (RASD) Directorate of General Intelligence is subordinate to the General Staff of the Armed Force General Command and is responsible for intelligence gathering and counter-intelligence activities.

References

GID <http://www.gid.gov.jo/en/home.html>

Wikipedia <http://en.wikipedia.org/wiki/Jordan>

CIA World Factbook <https://www.cia.gov/library/publications/the-world-factbook/geos/jo.html>

Jordan Government <http://www.jordan.gov.jo>

PSD <http://www.psd.gov.jo>

Wartime radio article

Steve sent me another copy of an historic article from the February, 1923 edition of Radio News.

Note:

The magazine does not exist anymore and I don't know if there is still copyright on the article. If you are the copyright owner of this article and don't agree with me using it in this newsletter, please let me know.

Wartime Radio

As an instance of the work of former amateurs, who served in the Signal Corps during the war, it is said that seventy-three per cent of the 400 radio men engaged in intelligence work were ex-amateurs. Not a single "leak" occurred in the service, which intercepted 73,000 enemy messages and recorded 175,000 bearings on enemy radio stations. The country and the Signal Corps is greatly indebted to these amateurs for their war work.

Although little was known of the work of the radio intelligence section of the army during or since the war, it was one of the most spectacular. Radio direction finders were placed all along the lines, at a distance of about five miles from the actual front and spaced about twelve miles apart. These receiving sets located the enemy stations in operation, recorded their bearings by means of directional coils, not unlike modern radio compasses, and forwarded the bearings to headquarters where they were plotted on maps. The reports from any American radio observers enabled the staff to keep an accurate check on practically all the German stations all the time.

Other radio receiving stations at army headquarters, intercepted and copied all enemy code messages, and telegraphed them back to general headquarters where code experts worked them out, giving the staff valuable information as the movements or intentions of the enemy.

On one occasion, when the Germans were planning a big offensive, the code all along the line was suddenly changed. The old code, known by the Americans for some time became valueless. But one German officer could not decipher a long message sent him in the new code and asked his commander to repeat it in the old one. This was done and as the American intercepting stations copied both messages, the staff of experts at headquarters soon had a fair solution of the new code, which they eventually worked out in its entirety. The repetition of the message in both codes was more than they hoped for, and when the new code was transmitted to the French and British headquarters, the American radio intelligence service was credited with a big "scoop."

Many times, it is recorded, enemy messages were intercepted, decoded, and rushed to the troops at a threatened front in time for them to prepare for the projected attack.

Wonderful results were also accomplished by our advance listening-in stations in front line dugouts and trenches, with amplifiers, the wires radiating to grounds in no-man's land. Sometimes they were actually tied in on enemy phone lines. These stations picked up enemy phone conversations by induction, enabling our operations to copy orders and messages.

Few things are impractical in themselves; and it is for want of application, rather than means, that men fail of success.—[Rochefoucauld.]

LOGS SECTION

2405.0	M01b	Mode: CW Date/time: Fri 25-2-2011, 2112 UTC	Very weak, in progress, QSB2. Contr: (SWL1409)
2406	M01b	Mode: CW Date/time: 4-2-2011, 2110 UTC	610 912 30 == 32733 //3180 Contr: (FN)
2427	M01b	Mode: CW Date/time: 14-2-2011, 2015 UTC	375 912 30 = 30 = 32733 Contr: (FN)
2427	M01b	Mode: CW Date/time: 21-2-2011, 2017 UTC	375 912 30 == 32733 Contr: (FN)
2436	M01b	Mode: CW Date/time: 14-2-2011, 1909 UTC	853 912 30 = 30 = 32733 Contr: (FN)
2466	M01b	Mode: CW Date/time: 10-2-2011, 1930 UTC	910 912 30 == 32733 Contr: (FN)

2471	M01b	Mode: CW Date/time: 17-2-2011, 1932 UTC	910 912 30 = 30 = 32733 Contr: (FN)
2485	M01b	Mode: CW Date/time: 10-2-2011, 2042 UTC	382 912 30 == 32733 Contr: (FN)
2486	M01b	Mode: CW Date/time: 10-2-2011, 2015 UTC	382 382 382 ... Contr: (lupo)
2486	M01b	Mode: CW Date/time: 17-2-2011, 2042 UTC	382 912 30 = 30 = 32733 Contr: (FN)
2655	M01b	Mode: CW Date/time: 4-2-2011, 2002 UTC	866 912 30 == 32733 //3197 Contr: (FN)
2762	M21c	Mode: USB Date/time: 7-2-2011, 0459 UTC	Ukrainian Air Defense. Male reading figure data Contr: (PPA)
3103.5	M51	Mode: CW Date/time: 22-1-2011, 0805 UTC	5 letters blocks Contr: (ML4)
3160	M01b	Mode: CW Date/time: 24-2-2011, 2042 UTC	382 912 30 == 32733 Contr: (FN)
3180	M01b	Mode: CW Date/time: 4-2-2011, 2110 UTC	610 912 30 == 32733 //2406 Contr: (FN)
3192	S06	Mode: AM Date/time: Mon 7-2-2011, 1900 UTC	349 0 Contr: (HFD)
3192.0	S06	Mode: AM Date/time: Mon 7-2-2011, 1900 UTC	349 349 349 00000 Contr: (danix)
3197	M01b	Mode: CW Date/time: 4-2-2011, 2002 UTC	866 912 30 == 32733 //2655 Contr: (FN)
3205	M01b	Mode: CW Date/time: 21-2-2011, 2017 UTC	375 912 30 == 32733 Contr: (FN)
3206	M01b	Mode: CW Date/time: 14-2-2011, 2015 UTC	375 912 30 = 30 = 32733 Contr: (FN)
3207	---	Mode: CW Date/time: 6-2-2011, 1515 UTC	Unid KTR4 (R10) //3860 kHz. Previous callsign used on these 2 // freqs was L6YC. Contr: (JPL-HK)
3207	---	Mode: CW Date/time: 7-2-2011, 2218 UTC	Unid KTR4 (In progress) //3860 kHz Contr: (JPL-HK)
3207	---	Mode: CW Date/time: 10-2-2011, 1345 UTC	Unid KTR4 (R10) //3860 kHz Contr: (JPL-HK)
3207	---	Mode: CW Date/time: 14-2-2011, 1915 UTC	Unid KTR4 (R10) (Mon) //3860 kHz Contr: (JPL-HK)
3207	---	Mode: CW Date/time: 16-2-2011, 1145 UTC	Unid KTR4 (R10) (Wed) //3860 kHz Contr: (JPL-HK)
3207	---	Mode: CW Date/time: 17-2-2011, 2055 UTC	Unid KTR4 (R10) (Thurs) //3860 Contr: (JPL-HK)
3207	---	Mode: CW Date/time: 20-2-2011, 1851 UTC	Unid KTR4 (In Progress) (Sun) //3860 Contr: (JPL-HK)
3207	---	Mode: CW Date/time: 24-2-2011, 1315 UTC	Unid KTR4 (In Progress) (Mon) //3860 kHz Contr: (JPL-HK)
3207	---	Mode: CW Date/time: 25-2-2011, 1250 UTC	Unid KTR4 (In Progress) //3860 kHz Contr: (JPL-HK)
3297	M89	Mode: CW Date/time: 2-2-2011, 1711 UTC	V GKVZ (x3) DE Q7NW (x2) (Cont'd) Contr: (JPL-HK)
3297	M89	Mode: CW Date/time: 6-2-2011, 1456 UTC	(In traffic) V GKVZ (x3) DE Q7NW (x2) (Cont'd) Contr: (JPL-HK)
3297	M89	Mode: CW Date/time: 7-2-2011, 2227 UTC	V GKVZ (x3) DE Q7NW (x2) (Cont'd) Contr: (JPL-HK)
3297	M89	Mode: CW Date/time: 10-2-2011, 1337 UTC	V GKVZ (x3) DE Q7NW (x2) (Cont'd) Contr: (JPL-HK)
3297	M89	Mode: CW Date/time: 11-2-2011, 2144 UTC	V GKVZ GKVZ GKVZ DE Q7NW Q7NW Contr: (VL)
3297	M89	Mode: CW Date/time: 12-2-2011, 1250 UTC	V GKVZ GKVZ GKVZ DE Q7NW Q7NW Contr: (AB-HK)
3297	M89	Mode: CW Date/time: 14-2-2011, 1900 UTC	V GKVZ (x3) DE Q7NW (x2) (Cont'd) Contr: (JPL-HK)

3297	M89	Mode: CW Date/time: 16-2-2011, 1142 UTC	V GKVZ (x3) DE Q7NW (x2) (Cont'd) (Wed) Contr: (JPL-HK)
3297	M89	Mode: CW Date/time: 17-2-2011, 2035 UTC	V GKVZ (x3) DE Q7NW (x2) (Cont'd) Contr: (JPL-HK)
3297	M89	Mode: CW Date/time: 20-2-2011, 1859 UTC	V GKVZ (x3) DE Q7NW (x2) (Cont'd) Contr: (JPL-HK)
3297	M89	Mode: CW Date/time: 24-2-2011, 1308 UTC	V GKVZ (x3) DE Q7NW (x2) (Cont'd) Contr: (JPL-HK)
3297	M89	Mode: CW Date/time: 25-2-2011, 1304 UTC	V GKVZ (x3) DE Q7NW (x2) (Cont'd) Contr: (JPL-HK)
3322	M21	Mode: CW Date/time: 8-12-2011, 0348 UTC	Russian air defence =99T648??T???? Contr: (PPA)
3323	M21	Mode: CW Date/time: 5-2-2011, 2048 UTC	PVO id "0" Contr: (AB)
3327	M89	Mode: CW Date/time: 2-2-2011, 1705 UTC	V QPZM (x3) DE WOXN (x2) (Cont'd) //4523 Contr: (JPL-HK)
3327	M89	Mode: CW Date/time: 7-2-2011, 2225 UTC	V QPZM (x3) DE WOXN (x2) (Cont'd) Contr: (JPL-HK)
3327	M89	Mode: CW Date/time: 11-2-2011, 2148 UTC	V QPZM QPZM QPZM DE WOXN WOXN Contr: (VL)
3327	M89	Mode: CW Date/time: 12-2-2011, 1244 UTC	V QPZM QPZM QPZM DE WOXN WOXN Contr: (AB-HK)
3327	M89	Mode: CW Date/time: 14-2-2011, 1857 UTC	V QPZM (x3) DE WOXN (x2) (Cont'd) (Mon) //4523 Contr: (JPL-HK)
3327	M89	Mode: CW Date/time: 17-2-2011, 2034 UTC	V QPZM (x3) DE WOXN (x2) (Cont'd) //4523 kHz Contr: (JPL-HK)
3327	M89	Mode: CW Date/time: 20-2-2011, 1855 UTC	V QPZM (x3) DE WOXN (x2) (Cont'd) //4523 kHz Contr: (JPL-HK)
3327	M89	Mode: CW Date/time: 24-2-2011, 1307 UTC	V QPZM (x3) DE WOXN (x2) (Cont'd) Contr: (JPL-HK)
3327	M89	Mode: CW Date/time: 25-2-2011, 1303 UTC	V QPZM (x3) DE WOXN (x2) (Cont'd) Contr: (JPL-HK)
3343	---	Mode: CW Date/time: 2-2-2011, 1720 UTC	Unid MWKJ (R10) Contr: (JPL-HK)
3347.0	---	Mode: CW Date/time: Mon 7-2-2011, 2005 UTC	UNID CW MWKJ? Fair, military trafic (MRW48+MRW43) around the frequency. Beeper. Contr: (SWL1409)
3415	E10	Mode: AM Date/time: 3-2-2011, 0200 UTC	ART2 Contr: (HS2)
3415	E10	Mode: AM Date/time: 3-2-2011, 0230 UTC	YHF G26 ZFEXI Contr: (HS2)
3415.0	E10	Mode: USB Date/time: Wed 2-2-2011, 0030 UTC	ART - Very poor reception. Contr: (Saber)
3521	M01b	Mode: CW Date/time: 14-2-2011, 1909 UTC	853 912 30 = 30 = 32733 Contr: (FN)
3525	M45	Mode: CW Date/time: 17-2-2011, 1802 UTC	525 698 30 = 30 = 24669 Contr: (FN)
3525	M45	Mode: CW Date/time: 22-2-2011, 1802 UTC	525 698 30 = 30 = 24669 Contr: (FN)
3540	S06	Mode: AM Date/time: Wed 16-2-2011, 1800 UTC	471 0 Contr: (HFD)
3540.0	S06	Mode: AM Date/time: Wed 9-2-2011, 0018 UTC	OM; ID 471 471 471 00000; null msg Contr: (why-SVK)
3540.0	S06	Mode: USB Date/time: Wed 16-2-2011, 1800 UTC	471 471 471 00000, sounded slower than usually. Contr: (danix)
3545	M01b	Mode: CW Date/time: 24-2-2011, 1932 UTC	910 812 == 32733 Contr: (FN)
3546	M01b	Mode: CW Date/time: 17-2-2011, 1932 UTC	910 912 30 = 30 = 32733 Contr: (FN)
3594.7	MX	Mode: CW Date/time: 5-2-2011, 2106 UTC	Beacon "D" Sevastopol Contr: (AB)

3658	MX	Mode: CW Date/time: 4-2-2011, 1945 UTC	Beacon "V" Khiva Contr: (AB)
3658	MX	Mode: CW Date/time: 5-2-2011, 2056 UTC	Beacon "V" Khiva Contr: (AB)
3658	MX	Mode: CW Date/time: 11-2-2011, 2222 UTC	Beacon "V" Khiva Contr: (AB)
3658	MX	Mode: CW Date/time: 12-2-2011, 2154 UTC	Beacon "V" Khiva Contr: (AB)
3658	MX	Mode: CW Date/time: 27-2-2011, 1902 UTC	Beacon "V" Khiva Contr: (AB)
3756	S30	Mode: CW Date/time: 4-2-2011, 1945 UTC	Pip Contr: (AB)
3756	S30	Mode: CW Date/time: 5-2-2011, 2115 UTC	Pip Contr: (AB)
3756	S30	Mode: CW Date/time: 11-2-2011, 2223 UTC	Pip Contr: (AB)
3756.0	S30	Mode: AM Date/time: Tue 1-2-2011, 1605 UTC	Voice TX: 70 846 ?YeRIN 81 58 30 64 priyom Contr: (danix)
3756.0	S30	Mode: USB Date/time: Thu 10-2-2011, 1602 UTC	Voice TX: "Dlya ShchL1L VLDH HDZ1 ZJ8B [...] 78MJ [...] kak slyshno, kak slyshno Contr: (danix)
3756.0	S30	Mode: USB Date/time: Sat 26-2-2011, 1719 UTC	Voice TX from callsign 8S1Shch Contr: (danix)
3756.6	S30	Mode: CW Date/time: 1-2-2011, 2319 UTC	Pip Contr: (TJ)
3797	M89	Mode: CW Date/time: 10-12-2010, 2243 UTC	V JA3L JA3L JA3L DE UN2T UN2T Contr: (IARUMS)
3823.0	S21	Mode: USB Date/time: Tue 22-2-2011, 1842 UTC	SINPO 44454, XJT in background Contr: (danix)
3828.0	S32	Mode: USB Date/time: Mon 14-2-2011, 2007 UTC	Squeaking with really fast speed! Contr: (danix)
3828.9	S32	Mode: USB Date/time: 1-2-2011, 2302 UTC	Squeaky Wheel Contr: (TJ)
3828.9	S32	Mode: USB Date/time: 4-2-2011, 1945 UTC	Squeaky Wheel Contr: (AB)
3828.9	S32	Mode: USB Date/time: 5-2-2011, 2114 UTC	Squeaky Wheel Contr: (AB)
3828.9	S32	Mode: USB Date/time: 11-2-2011, 2225 UTC	Squeaky Wheel Contr: (AB)
3829.0	S32	Mode: USB Date/time: Wed 16-2-2011, 1855 UTC	Fast squeaking. Maybe permanent change? Contr: (danix)
3838	S06	Mode: AM Date/time: Thu 3-2-2011, 1905 UTC	349 0 Contr: (HFD)
3838	S06	Mode: AM Date/time: Mon 14-2-2011, 1905 UTC	349 0 Contr: (HFD)
3838	S06	Mode: AM Date/time: Thu 24-2-2011, 1905 UTC	349 0 Contr: (HFD)
3838.0	S06	Mode: AM Date/time: Thu 10-2-2011, 1904 UTC	349 349 349 00000, excellent signal with high pitch tone in background Contr: (danix)
3840	E10	Mode: AM Date/time: 3-2-2011, 0130 UTC	YHF G15 KPWRD //4560 Contr: (HS2)
3840.0	E10	Mode: USB Date/time: Tue 1-2-2011, 0230 UTC	Callsign YHF-2 Null broadcast strong and readable Contr: (Ewok-IT)
3840.0	E10	Mode: USB Date/time: Sat 5-2-2011, 0230 UTC	Callsign YHF Grp Ct 31 First Gp CBZDO Weak/barely readable Contr: (Ewok-IT)
3840.0	E10	Mode: USB Date/time: Tue 8-2-2011, 0230 UTC	Callsign YHF Grp Ct 31 First Gp CBDZO (Repeat of 5 FEB 0230Z) weak but readable Contr: (Ewok-IT)
3840.0	E10	Mode: USB Date/time: Thu 17-2-2011, 0130 UTC	Callsign YHF Grp Ct 21 First Gp MFTCW Med sig very readable Contr: (Ewok-IT)
3840.0	E10	Mode: USB Date/time: Tue 22-2-2011, 0130 UTC	Callsign YHF Grp Ct 21 First Gp MFTCW (Repeat of 17 FEB 0130) Contr: (Ewok-IT)

3842	S06	Mode: AM Date/time: Sat 12-2-2011, 1935 UTC	366 0 Contr: (HFD)
3854	G06	Mode: AM Date/time: Mon 7-2-2011, 1706 UTC	ip Contr: (HFD)
3854	G06	Mode: AM Date/time: Mon 14-2-2011, 1700 UTC	439 0 1-9 Contr: (HFD)
3860	---	Mode: CW Date/time: 6-2-2011, 1515 UTC	Unid KTR4 (R10) //3207 kHz. Previous callsign used on these 2 // freqs was L6YC. Contr: (JPL-HK)
3860	---	Mode: CW Date/time: 7-2-2011, 2218 UTC	Unid KTR4 (In progress) //3207 kHz Contr: (JPL-HK)
3860	---	Mode: CW Date/time: 10-2-2011, 1345 UTC	Unid KTR4 (R10) //3207 kHz Contr: (JPL-HK)
3860	---	Mode: CW Date/time: 14-2-2011, 1915 UTC	Unid KTR4 (R10) (Mon) //3207 Contr: (JPL-HK)
3860	---	Mode: CW Date/time: 16-2-2011, 1145 UTC	Unid KTR4 (R10) (Wed) //3207 kHz Contr: (JPL-HK)
3860	---	Mode: CW Date/time: 17-2-2011, 2055 UTC	Unid KTR4 (R10) (Thurs) //3207 Contr: (JPL-HK)
3860	---	Mode: CW Date/time: 20-2-2011, 1851 UTC	Unid KTR4 (In Progress) (Sun) //3207 Contr: (JPL-HK)
3860	---	Mode: CW Date/time: 24-2-2011, 1315 UTC	Unid KTR4 (In Progress) (Mon) //3207 kHz Contr: (JPL-HK)
3860	---	Mode: CW Date/time: 25-2-2011, 1250 UTC	Unid KTR4 (In Progress) //3207 kHz Contr: (JPL-HK)
4025	M45	Mode: CW Date/time: 8-2-2011, 1802 UTC	525 423 33 == 44348 Contr: (FN)
4025	M45	Mode: CW Date/time: 22-2-2011, 1802 UTC	525 698 30 = 30 = 24669 Contr: (FN)
4028.0	V02a	Mode: AM Date/time: Thu 10-2-2011, 0100 UTC	Transmitter problems. QRM faded in at 130z. Contr: (Pres)
4030	M01c	Mode: CW Date/time: 17-2-2011, 1628 UTC	111 111 111 rptd, long pauses, EOT 1637z Contr: (FN)
4038	M12	Mode: CW Date/time: 1-2-2011, 2248 UTC	... t3t37 67t42 8tt85 94656 12752 t35t2 931-- -4878 ttt ttt Contr: (TJ)
4039	M01c	Mode: CW Date/time: 17-2-2011, 1625 UTC	017 017 017 22327 22327 rptd, long pauses, then EOT Contr: (FN)
4043	MX	Mode: CW Date/time: 1-2-2011, 2232 UTC	Marker "P" Contr: (TJ)
4225	M89	Mode: CW Date/time: 2-2-2011, 1709 UTC	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500 Contr: (JPL-HK)
4225	M89	Mode: CW Date/time: 6-2-2011, 1454 UTC	V 7NPE (x3) DE QV5B (x2) (Cont'd) (Sun) Contr: (JPL-HK)
4225	M89	Mode: CW Date/time: 7-2-2011, 2226 UTC	V 7NPE (x3) DE QV5B (x2) (Cont'd) Contr: (JPL-HK)
4225	M89	Mode: CW Date/time: 10-2-2011, 1338 UTC	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500 kHz Contr: (JPL-HK)
4225	M89	Mode: CW Date/time: 11-2-2011, 2155 UTC	V 7NPE 7NPE 7NPE DE QV5B QV5B Contr: (VL)
4225	M89	Mode: CW Date/time: 12-2-2011, 1242 UTC	V 7NPE 7NPE 7NPE DE QV5B QV5B Contr: (AB-HK)
4225	M89	Mode: CW Date/time: 14-2-2011, 1858 UTC	V 7NPE (x3) DE QV5B (x2) (Cont'd) (Mon) //5500 kHz Contr: (JPL-HK)
4225	M89	Mode: CW Date/time: 16-2-2011, 1141 UTC	V 7NPE (x3) DE QV5B (x2) (Cont'd) (Wed) //5500 kHz Contr: (JPL-HK)
4225	M89	Mode: CW Date/time: 17-2-2011, 2036 UTC	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500 kHz Contr: (JPL-HK)
4225	M89	Mode: CW Date/time: 20-2-2011, 1857 UTC	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500 kHz Contr: (JPL-HK)
4225	M89	Mode: CW Date/time: 24-2-2011, 1310 UTC	V 7NPE (x3) DE QV5B (x2) (Cont'd) //5500 kHz Contr: (JPL-HK)

4270.0	E10	Mode: USB Date/time: Tue 1-2-2011, 0300 UTC	Callsign PCD-2 Null broadcast med sig Contr: (Ewok-IT)
4270.0	E10	Mode: AM Date/time: Mon 28-2-2011, 2100 UTC	PCD. GRP7 IFMRT. Good sig. MSG repeated. End:2107z Contr: (SWL1409)
4294.5	XSL	Mode: 8 tone PSK/800/2400 Date/time: 13-2-2011, 0552 UTC	Japanese Navy "slot machine" Contr: (PPA-J)
4325.9	MX	Mode: CW Date/time: 5-2-2011, 2102 UTC	Beacon "R" Izhevsk Contr: (AB)
4325.9	MX	Mode: CW Date/time: 11-2-2011, 2221 UTC	Beacon "R" Izhevsk Contr: (AB)
4326	MX	Mode: CW Date/time: 17-2-2011, 2108 UTC	Beacon "R" Ishevsk Contr: (VL)
4326.0	MX	Mode: USB Date/time: Wed 2-2-2011, 1812 UTC	Beacon "R" from Izhevsk, faint, but without RTTY! Contr: (danix)
4331	M22	Mode: CW Date/time: 5-2-2011, 2110 UTC	4XZ - Israeli Navy Haifa Contr: (AB)
4331	M22	Mode: CW Date/time: 16-2-2011, 2219 UTC	4XZ: ISR Haifa Naval VVV de 4XZ Contr: (VL)
4368	M89	Mode: CW Date/time: 17-2-2011, 2104 UTC	MB3R de YA6X Contr: (VL)
4441	E11	Mode: USB Date/time: Thu 3-2-2011, 0900 UTC	248/00 Contr: (HFD)
4441	E11	Mode: USB Date/time: Sun 6-2-2011, 1050 UTC	127/00 Contr: (HFD)
4441	G11	Mode: USB Date/time: 11-2-2011, 2000 UTC	262/00 Contr: (FN)
4441	G11	Mode: USB Date/time: 18-2-2011, 2000 UTC	262/00 Contr: (MUK)
4441.0	E11	Mode: USB Date/time: Sat 12-2-2011, 1448 UTC	287/00 Contr: (danix)
4441.0	E11	Mode: USB Date/time: Wed 16-2-2011, 1444 UTC	287/00 Contr: (danix)
4441.0	E11	Mode: USB Date/time: Wed 23-2-2011, 1445 UTC	287/00 Contr: (danix)
4441.0	S11a	Mode: USB Date/time: Sun 20-2-2011, 1345 UTC	in progress Contr: (AWP)
4460.5	M21c	Mode: USB Date/time: 13-2-2011, 1725 UTC	Ukrainian Air Defense. Male reading radar data Contr: (Joe)
4490	M01	Mode: CW Date/time: 1-2-2011, 2000 UTC	197 743 30 == 12755 Contr: (FN)
4490	M01	Mode: CW Date/time: 3-2-2011, 2000 UTC	197 430 30 == 09981 Contr: (FN)
4490	M01	Mode: CW Date/time: 22-2-2011, 2000 UTC	197 750 30 == 87056 Contr: (FN)
4490	M01	Mode: CW Date/time: 24-2-2011, 2000 UTC	197 802 30 == 56649 Contr: (FN)
4490.0	M01	Mode: CW Date/time: Tue 8-2-2011, 2000 UTC	Fair, QSB3, QRN2. Contr: (SWL1409)
4519	G06	Mode: AM Date/time: 10-2-2011, 1830 UTC	YL/GG: 271 453 15 23154 76894 28592 24319 10957 37265 18547 29783 25471 28563 24185 35473 86759 47695 46573 453 15 00000 Contr: (MUK)
4519.0	G06	Mode: AM Date/time: Thu 10-2-2011, 1830 UTC	SINPO 55545 Contr: (danix)
4523	M89	Mode: CW Date/time: 2-2-2011, 1705 UTC	V QPZM (x3) DE WOXN (x2) (Cont'd) //3327 Contr: (JPL-HK)
4523	M89	Mode: CW Date/time: 2-2-2011, 1939 UTC	V QPZM QPZM QPZM DE WOXN WOXN Contr: (PPA)
4523	M89	Mode: CW Date/time: 6-2-2011, 1452 UTC	V QPZM (x3) DE WOXN (x2) (Cont'd) (Sun) Contr: (JPL-HK)

4523	M89	Mode: CW Date/time: 14-2-2011, 1857 UTC	V QPZM (x3) DE WOXN (x2) (Cont'd) (Mon) //3327 kHz Contr: (JPL-HK)
4523	M89	Mode: CW Date/time: 14-2-2011, 2245 UTC	QPZM de WOXN Contr: (VL)
4523	M89	Mode: CW Date/time: 16-2-2011, 1140 UTC	V QPZM (x3) DE WOXN (x2) (Cont'd) Contr: (JPL-HK)
4523	M89	Mode: CW Date/time: 17-2-2011, 2034 UTC	V QPZM (x3) DE WOXN (x2) (Cont'd) //3327 kHz Contr: (JPL-HK)
4523	M89	Mode: CW Date/time: 20-2-2011, 1855 UTC	V QPZM (x3) DE WOXN (x2) (Cont'd) //3327 kHz Contr: (JPL-HK)
4532	M89	Mode: CW Date/time: 2-2-2011, 1714 UTC	V JA3L (x3) DE UN2T (x2) (Cont'd) Contr: (JPL-HK)
4532	M89	Mode: CW Date/time: 7-2-2011, 2228 UTC	V JA3L (x3) DE UN2T (x2) (Cont'd) Contr: (JPL-HK)
4532	M89	Mode: CW Date/time: 10-2-2011, 1339 UTC	V JA3L (x3) DE UN2T (x2) (Cont'd) Contr: (JPL-HK)
4532	M89	Mode: CW Date/time: 12-2-2011, 1247 UTC	V JA3L JA3L JA3L DE UN2T UN2T Contr: (AB-HK)
4532	M89	Mode: CW Date/time: 14-2-2011, 1902 UTC	V JA3L (x3) DE UN2T (x2) (Cont'd) (Mon) Contr: (JPL-HK)
4532	M89	Mode: CW Date/time: 16-2-2011, 1143 UTC	V JA3L (x3) DE UN2T (x2) (Cont'd) (Wed) Contr: (JPL-HK)
4532	M89	Mode: CW Date/time: 17-2-2011, 2038 UTC	V JA3L (x3) DE UN2T (x2) (Cont'd) (Thurs) Contr: (JPL-HK)
4532	M89	Mode: CW Date/time: 19-2-2011, 2031 UTC	V JA3L JA3L JA3L DE UN2T UN2T Contr: (PPA-J)
4532	M89	Mode: CW Date/time: 20-2-2011, 1900 UTC	V JA3L (x3) DE UN2T (x2) (Cont'd) Contr: (JPL-HK)
4532	M89	Mode: CW Date/time: 24-2-2011, 1312 UTC	V JA3L (x3) DE UN2T (x2) (Cont'd) Contr: (JPL-HK)
4532	M89	Mode: CW Date/time: 25-2-2011, 1307 UTC	V JA3L (x3) DE UN2T (x2) (Cont'd) Contr: (JPL-HK)
4536	XPA2	Mode: AM Date/time: 17-2-2011, 2130 UTC	not decoded 15 Bd Contr: (FN)
4537	XPA2	Mode: AM Date/time: Tue 1-2-2011, 2110 UTC	msg Contr: (HFD)
4537	XPA2	Mode: AM Date/time: Thu 3-2-2011, 2110 UTC	msg Contr: (HFD)
4557.7	MX	Mode: CW Date/time: 5-2-2011, 2105 UTC	Beacon "D" Sevastopol Contr: (AB)
4557.7	MX	Mode: CW Date/time: 8-2-2011, 0403 UTC	Beacon "D" Sevastopol Contr: (PPA)
4558	MX	Mode: CW Date/time: 5-2-2011, 2105 UTC	Beacon "C" Moscow Contr: (AB)
4560	E10	Mode: AM Date/time: 3-2-2011, 0130 UTC	YHF G15 KPWRD //3840 Contr: (HS2)
4560.0	E10	Mode: USB Date/time: Fri 4-2-2011, 0130 UTC	Callsign YHF Grp Ct 15 First Grp KPWRD (Repeat of 31 JAN 0130Z) Contr: (Ewok-IT)
4560.0	E10	Mode: USB Date/time: Sat 5-2-2011, 0200 UTC	Callsign ART Grp Ct 64 (?) First Gp JZRUX (?) Contr: (Ewok-IT)
4580	S06s	Mode: AM Date/time: 2-2-2011, 1230 UTC	hardly audible voice Contr: (FN)
4587	G06	Mode: AM Date/time: Mon 14-2-2011, 1800 UTC	439 0 Contr: (HFD)
4625	S28	Mode: USB Date/time: 4-2-2011, 1945 UTC	Buzzer Contr: (AB)
4625	S28	Mode: USB Date/time: 5-2-2011, 1135 UTC	MDZhB MDZhB 84 698 VICH OVTA 19 07 62 37 Contr: (AB-EST)
4625	S28	Mode: USB Date/time: 5-2-2011, 2114 UTC	Buzzer Contr: (AB)

4625	S28	Mode: USB Date/time: 10-2-2011, 1420 UTC	Female voice. MDZhB MDZhB 61 877 DIHLOROFOS 33 65 69 53 Contr: (AB-EST)
4625	S28	Mode: USB Date/time: 10-2-2011, 1422 UTC	Female voice: MDZhB MDZhB 53 161 DIFENILEN 89 49 24 54 Contr: (AB-EST)
4625	S28	Mode: USB Date/time: 11-2-2011, 1425 UTC	Male voice. MDZhB MDZhB 89 915 ELYeKTRUM 76 27 89 80 Contr: (AB-EST)
4625	S28	Mode: USB Date/time: 11-2-2011, 2145 UTC	The Buzzer. Contr: (EW)
4625	S28	Mode: USB Date/time: 11-2-2011, 2223 UTC	Buzzer Contr: (AB)
4625	S28	Mode: USB Date/time: 18-2-2011, 1450 UTC	Male voice. MDZhB MDZhB 78 819 OLEVSK 17 30 93 71 GLEV 70 54 43 79 Contr: (AB-EST)
4625	S28	Mode: USB Date/time: 19-2-2011, 1818 UTC	Audio generator problems Contr: (RP)
4625	S28	Mode: USB Date/time: 21-2-2011, 1147 UTC	MDZhB msg Contr: (AB-EST)
4625	S28	Mode: USB Date/time: 21-2-2011, 1211 UTC	MDZhB msg Contr: (AB-EST)
4625	S28	Mode: USB Date/time: 21-2-2011, 1233 UTC	MDZhB msg Contr: (AB-EST)
4625	S28	Mode: USB Date/time: 21-2-2011, 1401 UTC	MDZhB MDZhB 92 175 DISHIDIN 14 19 92 56 Contr: (AB-EST)
4625	S28	Mode: USB Date/time: 21-2-2011, 1419 UTC	MDZhB MDZhB 38 777 RISTALISHchYe 49 38 14 69 Contr: (AB-EST)
4625	S28	Mode: USB Date/time: 21-2-2011, 1430 UTC	MDZhB, MDZhB, 38, 777 RISTALISHchYe Roman Ivan Semyon Tatyana Anna Leonid Ivan Shchuka Yelena 49, 38, 14, 69 Contr: (Token)
4625	S28	Mode: USB Date/time: 21-2-2011, 1458 UTC	MDZhB MDZhB 89 873 LISOHVOST 40 95 59 44 Contr: (AB-EST)
4625.0	S28	Mode: USB Date/time: Sun 6-2-2011, 1445 UTC	MDZhB MDZhB 12 905 GLIKOLOL 37 21 15 84 BLIZNYaK 98 02 47 89 Contr: (danix)
4625.0	S28	Mode: USB Date/time: Sun 13-2-2011, 1518 UTC	MDZhB message caught by pure hazard. Contr: (SWL1409)
4625.0	S28	Mode: USB Date/time: Tue 15-2-2011, 1637 UTC	Duplicate of 1635z. Contr: (danix)
4625.0	S28	Mode: USB Date/time: Fri 18-2-2011, 1451 UTC	Male voice, MDZhB MDZhB 78 819 OLEVSK 17 30 93 71 GLEV 70 54 43 79 Contr: (danix)
4625.0	S28	Mode: USB Date/time: Mon 21-2-2011, 1429 UTC	MDZhB MDZhB 38 777 RISTALISHchYe 49 38 14 69, 6(!) messages already! Contr: (danix)
4629	M12	Mode: AM Date/time: Wed 2-2-2011, 2220 UTC	460 0 Contr: (HFD)
4635	S28	Mode: USB Date/time: 5-2-2011, 1150 UTC	Male voice. Note the error. It occurred when the message was repeated. MDZhB MDZhB 84 798 VICHOVKA 19 08 62 37. Repeat: MDZhB MDZhB 84 798 VICHOVKA 19 07 62 37 Contr: (AB-EST)
4636.0	XPA2	Mode: USB Date/time: Thu 10-2-2011, 2050 UTC	Contr: (danix)
4637	XPA2	Mode: AM Date/time: Tue 1-2-2011, 2050 UTC	msg Contr: (HFD)
4637	XPA2	Mode: AM Date/time: Thu 3-2-2011, 2050 UTC	msg Contr: (HFD)
4760.0	E06	Mode: AM Date/time: Fri 4-2-2011, 0021 UTC	ID: 472 / 123 Grps: 15; First group: 25390 Contr: (why-SVK)
4761	M14	Mode: CW Date/time: Wed 23-2-2011, 1920 UTC	748-4#7/15=23876 Contr: (HFD)
4792	G06	Mode: AM Date/time: 10-2-2011, 1930 UTC	YL/GG: 436 721 15 35472 48973 24319 45285 98352 17639 25481 27496 98064 35093 23176 45383 56498 36453 34264 721 15 00000 Contr: (MUK)
4792.0	G06	Mode: AM Date/time: Fri 25-2-2011, 1930 UTC	ID 436 Contr: (danix)

4792.0	G06	Mode: USB Date/time: Fri 25-2-2011, 1930 UTC	ID:436. Good signal. Contr: (SWL1409)
4820.0	E06	Mode: AM Date/time: Sat 12-2-2011, 0002 UTC	ID 759; 108 grps 43; first group: 10627 Contr: (why-IT)
4822.0	E06	Mode: USB Date/time: Sun 13-2-2011, 0230 UTC	SINPO 55455 Contr: (danix)
4828	M03	Mode: CW Date/time: 2-2-2011, 1115 UTC	650/00 Contr: (FN)
4828	M03	Mode: CW Date/time: 3-2-2011, 1115 UTC	650/00 Contr: (FN)
4828	M03	Mode: CW Date/time: 9-2-2011, 1115 UTC	650/00 Contr: (FN)
4828	M03	Mode: CW Date/time: 10-2-2011, 1115 UTC	650/00 Contr: (FN)
4828	M03	Mode: CW Date/time: 16-2-2011, 1115 UTC	650/00 Contr: (FN)
4828	M03	Mode: CW Date/time: 22-2-2011, 1115 UTC	272/00 Contr: (FN)
4828	M03	Mode: CW Date/time: 24-2-2011, 1115 UTC	657/36 == 14555 46605 Contr: (FN)
4845	S06s	Mode: AM Date/time: 10-2-2011, 1410 UTC	624 831 5 90823 Contr: (FN)
4860	M89	Mode: CW Date/time: 2-2-2011, 1720 UTC	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840 Contr: (JPL-HK)
4860	M89	Mode: CW Date/time: 7-2-2011, 2220 UTC	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840 kHz Contr: (JPL-HK)
4860	M89	Mode: CW Date/time: 11-2-2011, 2025 UTC	Q2M de NYZ QSA ? k (rptd) EOT Contr: (FN)
4860	M89	Mode: CW Date/time: 12-2-2011, 1423 UTC	VVV Q2M Q2M Q2M DE NYZ NYZ //6840 kHz Contr: (AB-HK)
4860	M89	Mode: CW Date/time: 14-2-2011, 1920 UTC	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (//6840) (Mon) Contr: (JPL-HK)
4860	M89	Mode: CW Date/time: 14-2-2011, 2122 UTC	VVV de NYZ Contr: (VL)
4860	M89	Mode: CW Date/time: 17-2-2011, 2120 UTC	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840 kHz Contr: (JPL-HK)
4860	M89	Mode: CW Date/time: 20-2-2011, 1920 UTC	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840 kHz Contr: (JPL-HK)
4860	M89	Mode: CW Date/time: 24-2-2011, 1320 UTC	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840 kHz Contr: (JPL-HK)
4860	M89	Mode: CW Date/time: 25-2-2011, 1320 UTC	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //6840 kHz Contr: (JPL-HK)
4958	E11	Mode: USB Date/time: 1-2-2011, 1240 UTC	348/34 A 46146 33107... Contr: (HS2)
4958	E11	Mode: USB Date/time: 8-2-2011, 1239 UTC	349/00 Contr: (HS2)
4958	E11	Mode: USB Date/time: 15-2-2011, 1240 UTC	349/00 Contr: (HS2)
4961	MX	Mode: CW Date/time: 4-2-2011, 1927 UTC	Beacon "V" Khiva Contr: (PPA)
4961	MX	Mode: CW Date/time: 5-2-2011, 2058 UTC	Beacon "V" Khiva Contr: (AB)
4961	MX	Mode: CW Date/time: 12-2-2011, 2154 UTC	Beacon "V" Khiva Contr: (AB)
5070	S06s	Mode: AM Date/time: 1-2-2011, 1500 UTC	537 924 6 51269 Contr: (FN)
5070	S06s	Mode: AM Date/time: 8-2-2011, 1500 UTC	537 924 6 51269 Contr: (FN)
5070.0	S06	Mode: USB Date/time: Tue 1-2-2011, 0015 UTC	ID: 537; 924, Grps 6; First group: 51269 Contr: (why-GRC)

5070.0	S06	Mode: AM Date/time: Tue 8-2-2011, 0015 UTC	ID: 537; 924, Grps 6; First group: 51269 Contr: (why-SVK)
5135.0	V02a	Mode: AM Date/time: Sat 26-2-2011, 0200 UTC	SSYL atencion: 54242 33231 53512 Contr: (westli)
5146	E07a	Mode: AM Date/time: Thu 3-2-2011, 0530 UTC	188 1-61512-468/69 =10013 Contr: (HFD)
5146	E07a	Mode: AM Date/time: 10-2-2011, 0530 UTC	188 188 188 000 Contr: (FN)
5153.7	MX	Mode: CW Date/time: 4-2-2011, 1703 UTC	D: Rus Navy Sevastopol Contr: (WP3)
5153.7	MX	Mode: CW Date/time: 5-2-2011, 2054 UTC	Beacon "D" Sevastopol Contr: (AB)
5153.9	MX	Mode: CW Date/time: 4-2-2011, 1637 UTC	S: Rus Navy Severomorsk Contr: (WP3)
5154	MX	Mode: CW Date/time: 4-2-2011, 1703 UTC	C: Rus Navy Moscow Contr: (WP3)
5154	MX	Mode: CW Date/time: 5-2-2011, 2054 UTC	Beacon "C" Moscow Contr: (AB)
5164	E07	Mode: AM Date/time: 9-2-2011, 2120 UTC	815 815 815 000 Contr: (FN)
5164.0	E07	Mode: AM Date/time: Wed 9-2-2011, 0021 UTC	ID 815 815 815 000; null msg Contr: (why-GRC)
5194	E11	Mode: USB Date/time: 9-2-2011, 1925 UTC	i.p. ends: ... 73072 out at 1929z Contr: (FN)
5194	E11	Mode: USB Date/time: Sat 12-2-2011, 1920 UTC	750/30=95192 Contr: (HFD)
5194	E11	Mode: USB Date/time: Mon 14-2-2011, 1920 UTC	750/30=19255 Contr: (HFD)
5194	E11	Mode: USB Date/time: Tue 15-2-2011, 1920 UTC	750/30=66264 Contr: (HFD)
5194	E11	Mode: USB Date/time: Wed 16-2-2011, 1920 UTC	750/30=16714 Contr: (HFD)
5195	E25?	Mode: USB Date/time: 8-2-2011, 1924 UTC	Female voice. "seven one two one two..." Ends with "out" at 1927z. Contr: (YM)
5250	S06s	Mode: AM Date/time: 8-2-2011, 0700 UTC	374 918 5 61190 Contr: (FN)
5291	M12	Mode: CW Date/time: 2-2-2011, 0500 UTC	284 284 284 000 Contr: (FN)
5310	S06s	Mode: AM Date/time: 10-2-2011, 1240 UTC	314 986 5 87923 Contr: (FN)
5320	M01	Mode: CW Date/time: 1-2-2011, 1800 UTC	197 148 30 == 69519 Contr: (FN)
5320	M01	Mode: CW Date/time: 10-2-2011, 1800 UTC	197 707 30 == 60275 Contr: (FN)
5320	M01	Mode: CW Date/time: 24-2-2011, 1800 UTC	197 531 30 == 53440 Contr: (FN)
5320	S06	Mode: AM Date/time: Mon 14-2-2011, 2215 UTC	684 0 Contr: (HFD)
5320	S06s	Mode: AM Date/time: 10-2-2011, 1400 UTC	624 831 5 90823 Contr: (FN)
5325	M42	Mode: CW/RUS-ARQ 100/500 Date/time: 24-2-2011, 0520 UTC	RND79: Russian Gov/Intel. FSK-CW vvv-marker "VVV RFT6 RFT6 RFT6 de RND79 RND79 ZHC? ZHC?" into RUS-ARQ 100/500 traffic Contr: (ALF)
5336.0	XPA2	Mode: USB Date/time: Thu 17-2-2011, 2030 UTC	Contr: (danix)
5337	XPA2	Mode: AM Date/time: Thu 3-2-2011, 2030 UTC	msg Contr: (HFD)
5358	M03	Mode: CW Date/time: Sat 12-2-2011, 1535 UTC	798/00 Contr: (HFD)

5397	M12	Mode: CW Date/time: 16-2-2011, 1603 UTC	214 1 469 381 25399 Contr: (FN)
5429	M12	Mode: CW Date/time: Wed 2-2-2011, 2200 UTC	460 0 Contr: (HFD)
5435.0	E10	Mode: AM Date/time: Thu 10-2-2011, 1710 UTC	ID: ART; In progress; Super faint as always here... Contr: (danix)
5435.0	E10	Mode: USB Date/time: Thu 17-2-2011, 0200 UTC	Callsign ART Grp Ct 14 First Gp YRLFR Repeat of 10 FEB 0200Z Contr: (Ewok-IT)
5447	E07	Mode: AM Date/time: Thu 10-2-2011, 2130 UTC	744 0 Contr: (HFD)
5448	S30	Mode: CW Date/time: 12-2-2011, 0620 UTC	Pip Contr: (AB)
5460	S06s	Mode: AM Date/time: 11-2-2011, 0600 UTC	934 271 5 67521 Contr: (FN)
5460	S06s	Mode: AM Date/time: 11-2-2011, 0600 UTC	934 271 5 67521 45320 89201 78543 10295 271 5 00000 Contr: (HS2)
5463	G11	Mode: USB Date/time: 27-12-2010, 0808 UTC	YL/GG Contr: (ML4)
5464	M01	Mode: CW Date/time: 6-2-2011, 0700 UTC	197 339 30 == 62734 Contr: (FN)
5478.0	M12	Mode: AM Date/time: Mon 14-2-2011, 0600 UTC	ID 480, message, very clear reception Contr: (danix)
5479	M12	Mode: CW Date/time: Mon 7-2-2011, 0600 UTC	480 1 Contr: (HFD)
5500	M89	Mode: CW Date/time: 1-2-2011, 1645 UTC	v 7NPE 7NPE 7NPE de QV5B QV5B QV5B Contr: (FN)
5500	M89	Mode: CW Date/time: 2-2-2011, 1709 UTC	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225 Contr: (JPL-HK)
5500	M89	Mode: CW Date/time: 10-2-2011, 1338 UTC	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225 kHz Contr: (JPL-HK)
5500	M89	Mode: CW Date/time: 12-2-2011, 1240 UTC	V 7NPE 7NPE 7NPE DE QV5B QV5B Contr: (AB-HK)
5500	M89	Mode: CW Date/time: 14-2-2011, 1858 UTC	V 7NPE (x3) DE QV5B (x2) (Cont'd) (Mon) (//4225) Contr: (JPL-HK)
5500	M89	Mode: CW Date/time: 16-2-2011, 1141 UTC	V 7NPE (x3) DE QV5B (x2) (Cont'd) (Wed) //4225 kHz Contr: (JPL-HK)
5500	M89	Mode: CW Date/time: 17-2-2011, 2036 UTC	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225 kHz Contr: (JPL-HK)
5500	M89	Mode: CW Date/time: 20-2-2011, 1857 UTC	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225 kHz Contr: (JPL-HK)
5500	M89	Mode: CW Date/time: 24-2-2011, 1310 UTC	V 7NPE (x3) DE QV5B (x2) (Cont'd) //4225 kHz Contr: (JPL-HK)
5500	M89	Mode: CW Date/time: 25-2-2011, 1305 UTC	V 7NPE (x3) DE QV5B (x2) (Cont'd) Contr: (JPL-HK)
5686.5	M51	Mode: CW Date/time: 23-2-2011, 0821 UTC	French Mil, CW training. Contr: (Jon-FL)
5688.0	V21	Mode: AM Date/time: Tue 1-2-2011, 0020 UTC	YL/SS Counting Contr: (BS3)
5767	E07	Mode: AM Date/time: 8-2-2011, 0820 UTC	873 873 873 000 Contr: (FN)
5774	M41	Mode: CW Date/time: 3-2-2011, 0500 UTC	PVO Russian Air Defence marker "37C5 37C5 ... 37C5 ar". (R3) Contr: (ALF)
5788	M12	Mode: CW Date/time: Wed 2-2-2011, 1840 UTC	463 1 Contr: (HFD)
5810	M01b	Mode: CW Date/time: 4-2-2011, 1615 UTC	158 289 30 == txt Contr: (FN)
5810	S06s	Mode: AM Date/time: 1-2-2011, 0800 UTC	418 293 5 45964 67644 31455 81128 15805 293 5 00000 Contr: (HS2)
5810	S06s	Mode: AM Date/time: 8-2-2011, 0800 UTC	418 293 5 45964 Contr: (FN)

5810	S06s	Mode: AM Date/time: 8-2-2011, 0810 UTC	418 293 5 45964 67644 31455 81128 15805 293 5 00000 Contr: (HS2)
5810	S06s	Mode: AM Date/time: 8-2-2011, 1230 UTC	278 415 6 99228 Contr: (FN)
5845.0	E06	Mode: AM Date/time: Sat 5-2-2011, 0130 UTC	recording: http://tinyurl.com/6bddjnj Contr: (IP-UK)
5845.0	E06	Mode: AM Date/time: Sat 26-2-2011, 0130 UTC	Russian Man, good signal. Contr: (Saber)
5846	E06	Mode: AM Date/time: 27-2-2011, 0130 UTC	Russian man counting very strong Contr: (Stefan)
5846	E07a	Mode: AM Date/time: Thu 3-2-2011, 0550 UTC	188 1-61512 Contr: (HFD)
5846	E07a	Mode: AM Date/time: 10-2-2011, 0550 UTC	188 188 188 000 Contr: (FN)
5846.0	E06	Mode: AM Date/time: Sat 5-2-2011, 0130 UTC	Very weak signal, hardly understood anything. Contr: (danix)
5846.0	E06	Mode: AM Date/time: Sun 6-2-2011, 0130 UTC	In 8th minute went inaudible. Contr: (danix)
5846.0	E06	Mode: AM Date/time: Sun 6-2-2011, 0130 UTC	Contr: (IP-DE)
5846.0	E06	Mode: AM Date/time: Sat 12-2-2011, 0130 UTC	Strong signal, correcting date mistake. Contr: (danix)
5846.0	E06	Mode: AM Date/time: Sun 13-2-2011, 0130 UTC	Contr: (IP-DE)
5846.0	E06	Mode: AM Date/time: Sat 19-2-2011, 0130 UTC	Russian Man with good signal. Contr: (Saber)
5846.0	E06	Mode: AM Date/time: Fri 25-2-2011, 0130 UTC	Contr: (Pres)
5846.0	E06	Mode: AM Date/time: Sat 26-2-2011, 0130 UTC	Crystal clear Contr: (danix)
5846.0	E06	Mode: USB Date/time: Sat 26-2-2011, 0130 UTC	Contr: (IP-DE)
5846.0	E06	Mode: AM Date/time: Sun 27-2-2011, 0130 UTC	Contr: (IP-DE)
5864	E07	Mode: AM Date/time: 9-2-2011, 2100 UTC	815 815 815 000 Contr: (FN)
5867	E07	Mode: AM Date/time: 1-2-2011, 0800 UTC	873 000 Contr: (FN)
5867	E07	Mode: AM Date/time: Tue 1-2-2011, 0800 UTC	873 0 Contr: (HFD)
5867	E07	Mode: AM Date/time: 3-2-2011, 0800 UTC	873 873 873 000 Contr: (FN)
5867	E07	Mode: AM Date/time: 8-2-2011, 0800 UTC	873 873 873 000 Contr: (FN)
5867	E07a	Mode: AM Date/time: 24-2-2011, 0800 UTC	873 873 873 000 Contr: (FN)
5872	M12	Mode: CW Date/time: 3-2-2011, 0440 UTC	876 1 193 169 14767 Contr: (FN)
5872	M12	Mode: CW Date/time: Thu 24-2-2011, 0440 UTC	876 1 Contr: (HFD)
5883	V02a	Mode: AM Date/time: 2-1-2011, 0736 UTC	Atencion Cuba Contr: (ML4)
5883	V02a	Mode: AM Date/time: 11-2-2011, 0700 UTC	A78530 75232 01531 Contr: (HS2)
5898	V02a	Mode: AM Date/time: 25-12-2010, 0824 UTC	Atencion YL/SS Contr: (ML4)
5898.0	M08a	Mode: MCW Date/time: Mon 14-2-2011, 0500 UTC	48201 MC CIP 0502z. Weak. Contr: (BCA)
5898.0	V02a	Mode: AM Date/time: Thu 24-2-2011, 0800 UTC	Open carrier since at least 0756. 0800 call up 05122 35551 48501. Contr: (MT2)

5938	M01b	Mode: CW Date/time: 17-2-2011, 1605 UTC	159 692 30 == 69609 Contr: (FN)
6305	S06s	Mode: AM Date/time: 16-2-2011, 1210 UTC	481 293 5 79845 Contr: (FN)
6320	S06s	Mode: AM Date/time: 8-2-2011, 0715 UTC	374 918 5 61190 Contr: (FN)
6320	S06s	Mode: AM Date/time: 8-2-2011, 0717 UTC	374 918 5 61190 94855 55146 31188 64389 918 5 00000 Contr: (HS2)
6337	S06s	Mode: AM Date/time: 1-2-2011, 1510 UTC	537 924 6 51269 Contr: (FN)
6337	S06s	Mode: AM Date/time: 8-2-2011, 1510 UTC	537 924 6 51269 Contr: (FN)
6380	M22	Mode: CW Date/time: 16-2-2011, 2225 UTC	4XZ: ISR Haifa Naval VVV de 4XZ Contr: (VL)
6392.5	XSL	Mode: 8 tone PSK/800/2400 Date/time: 13-2-2011, 0344 UTC	Japanese Navy "slot machine" Contr: (PPA-J)
6409	M32	Mode: USB Date/time: 21-2-2011, 1425 UTC	Russian Mil. Voice msg: "Marka 50, Marka 50, 74, 310 SVYeZhAK Semyon Vasilij Yelena Zhenya Anna Konstantin 16, 99, 60, 79" Contr: (Token)
6417.0	XSL	Mode: 8 tone PSK/800/2400 Date/time: 13-2-2011, 0344 UTC	Japanese Navy "slot machine" Contr: (PPA-J)
6420	S06s	Mode: AM Date/time: 2-2-2011, 1240 UTC	967 810 5 42154 Contr: (FN)
6433	G11	Mode: USB Date/time: 4-2-2011, 1325 UTC	299/00 Contr: (HS2)
6433	G11	Mode: USB Date/time: 11-2-2011, 1325 UTC	299/00 Contr: (HS2)
6433.0	G11	Mode: USB Date/time: Fri 25-2-2011, 1325 UTC	293/35 Contr: (danix)
6433.0	G11	Mode: USB Date/time: Sat 26-2-2011, 1325 UTC	Repeat of message from 2011-02-25 Contr: (danix)
6433.0	S11a	Mode: USB Date/time: Sat 12-2-2011, 1020 UTC	221/00 Contr: (danix)
6445.0	XSL	Mode: 8 tone PSK/800/2400 Date/time: 13-2-2011, 0343 UTC	Japanese Navy "slot machine" Contr: (PPA-J)
6668	S06s	Mode: AM Date/time: 14-2-2011, 1610 UTC	176 840 5 20133 Contr: (FN)
6730	V24	Mode: USB Date/time: 15-2-2011, 1300 UTC	Ended 1313z Contr: (HS2)
6767	E07	Mode: AM Date/time: 1-2-2011, 0820 UTC	873 000 Contr: (HS2)
6767	E07	Mode: AM Date/time: 1-2-2011, 0820 UTC	873 000 Contr: (FN)
6767	E07	Mode: AM Date/time: Tue 1-2-2011, 0820 UTC	873 0 Contr: (HFD)
6767	E07	Mode: AM Date/time: 3-2-2011, 0820 UTC	873 873 873 000 Contr: (FN)
6767	E07a	Mode: AM Date/time: 24-2-2011, 0820 UTC	873 873 873 000 Contr: (FN)
6770	S06s	Mode: AM Date/time: 8-2-2011, 1240 UTC	278 415 6 99228 Contr: (FN)
6770	S06s	Mode: USB Date/time: 8-2-2011, 1240 UTC	278 415 6 99228 77544 04816 56557 51269 03176 415 6 00000 Contr: (HS2)
6772	M12	Mode: CW Date/time: 3-2-2011, 0500 UTC	876 1 193 169 14767 Contr: (FN)
6772	M12	Mode: CW Date/time: Thu 24-2-2011, 0500 UTC	876 1 Contr: (HFD)
6777	E07	Mode: AM Date/time: Thu 10-2-2011, 2110 UTC	744 0 Contr: (HFD)

6785.0	M14	Mode: CW Date/time: Tue 8-2-2011, 1740 UTC	(i.p.)68841 87536 66961==637 637 42 42 ttttt Contr:
6788	S06	Mode: AM Date/time: Sat 12-2-2011, 1605 UTC	134 0 Contr: (HFD)
6797	M12	Mode: CW Date/time: 16-2-2011, 1531 UTC	214 1 469 381 25399 Contr: (FN)
6802	M12	Mode: CW Date/time: Wed 2-2-2011, 1820 UTC	463 1 Contr: (HFD)
6802	M12	Mode: CW Date/time: 23-2-2011, 1826 UTC	in progress ends 000 (TTT) 000 (TTT) Contr: (EB)
6823	XPA	Mode: AM Date/time: Thu 3-2-2011, 1940 UTC	msg Contr: (HFD)
6823.5	M21	Mode: CW Date/time: 2-2-2011, 0909 UTC	Russian Air Defence. Plot strings; "=115517744269321="=99?1222?9?????= Contr: (TJ)
6825	M51	Mode: CW Date/time: 22-2-2011, 1248 UTC	FAV22: French Morse Practice Stn "... de mÔmes sur les rayons de sa biblioth�que et tou cela d�bordait ..." Also 5LGs. Contr: (MPJ)
6840	E10	Mode: AM Date/time: 11-2-2011, 1500 UTC	PCD G8 OVGWG //7690 kHz Contr: (HS2)
6840	E10	Mode: AM Date/time: 11-2-2011, 1530 UTC	ULX G97 MRYIU //7690 kHz Contr: (HS2)
6840	M89	Mode: CW Date/time: 2-2-2011, 1720 UTC	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860 Contr: (JPL-HK)
6840	M89	Mode: CW Date/time: 7-2-2011, 2220 UTC	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860 kHz Contr: (JPL-HK)
6840	M89	Mode: CW Date/time: 12-2-2011, 1422 UTC	VVV Q2M Q2M Q2M DE NYZ NYZ //4860 kHz Contr: (AB-HK)
6840	M89	Mode: CW Date/time: 14-2-2011, 1920 UTC	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K (//4860) (Mon) Contr: (JPL-HK)
6840	M89	Mode: CW Date/time: 17-2-2011, 2120 UTC	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860 kHz Contr: (JPL-HK)
6840	M89	Mode: CW Date/time: 20-2-2011, 1920 UTC	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860 kHz Contr: (JPL-HK)
6840	M89	Mode: CW Date/time: 24-2-2011, 1320 UTC	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860 kHz Contr: (JPL-HK)
6840	M89	Mode: CW Date/time: 25-2-2011, 1320 UTC	VVV (x3) Q2M (x3) DE NYZ (x2) (R5) QSA ? K //4860 kHz Contr: (JPL-HK)
6840.0	E10	Mode: AM Date/time: Tue 1-2-2011, 0100 UTC	Callsign EZI-2 Null broadcast strong and readable Contr: (Ewok-IT)
6840.0	E10	Mode: AM Date/time: Sat 5-2-2011, 1757 UTC	Sending approx. 3 groups of 5 letters and after, turned off untill callup (EZI) Contr: (SWL1409)
6840.0	E10	Mode: USB Date/time: Sat 12-2-2011, 0020 UTC	EZI Groups: 22, first group: WLPRM Contr: (why-IT)
6840.0	E10	Mode: AM Date/time: Thu 17-2-2011, 0100 UTC	Callsign EZI Grp Ct 16 First Gp IPBLQ Med str AM with Morse QRM Contr: (Ewok-IT)
6840.0	E10	Mode: AM Date/time: Sat 19-2-2011, 2341 UTC	EZI in progress. Contr: (Saber)
6843	M31	Mode: USB Date/time: 9-2-2011, 1923 UTC	FDI22: French air force Narbonne. Test tape. "Ceci est une transmission de calorie destine au reglage de votre recepteur" Contr: (PPA)
6843	M31	Mode: USB Date/time: 12-2-2011, 1938 UTC	CALORIE: French Air Force. "CECI EST UNE MISSION DE CALORIE DESTINE AU REGLAGE DE VOTRE etc" Contr: (ALF)
6846	E07a	Mode: AM Date/time: Thu 3-2-2011, 0610 UTC	188 1-61512 Contr: (HFD)
6854	M08a	Mode: CW Date/time: 9-2-2011, 2223 UTC	Cuban Intelligence 5LGs/cut after "GIRDN (x5) ===" Contr: (ALF)
6854.0	M08a	Mode: CW Date/time: Thu 10-2-2011, 2200 UTC	5f cut nums: Very weak sig. Contr: (westli)

6855.0	V02a	Mode: AM Date/time: Mon 14-2-2011, 0300 UTC	SSYL atencon: 35232 44532 33181 Weak sig. Contr: (westli)
6863	E07	Mode: AM Date/time: 2-2-2011, 1820 UTC	689 689 689 000 Contr: (FN)
6863	E07	Mode: AM Date/time: Wed 2-2-2011, 1820 UTC	689 0 Contr: (HFD)
6863	E07	Mode: AM Date/time: 9-2-2011, 1821 UTC	689 689 689 000 Contr: (PPA)
6863	E07a	Mode: AM Date/time: 13-2-2011, 1820 UTC	689 689 689 000 Contr: (FN)
6863.0	E07	Mode: AM Date/time: Sun 27-2-2011, 1819 UTC	689 689 689 000 Contr: (danix)
6879	M12	Mode: CW Date/time: Mon 7-2-2011, 0620 UTC	480 1 Contr: (HFD)
6880	S06	Mode: AM Date/time: 2-2-2011, 0820 UTC	471 980 5 11447 Contr: (FN)
6891	M12	Mode: CW Date/time: 2-2-2011, 0520 UTC	284 284 284 000 Contr: (FN)
6891	M12	Mode: CW Date/time: 9-2-2011, 0520 UTC	284 284 284 1 => 5F msg 28 wpm => ends TTT TTT Contr: (PPA)
6904	M12	Mode: CW Date/time: 10-2-2011, 2042 UTC	257 257 257 1 => 5f msg Contr: (PPA)
6904	M12	Mode: CW Date/time: 14-2-2011, 1940 UTC	257 1 9680 66 38982 Contr: (FN)
6923	E11	Mode: USB Date/time: 11-2-2011, 1630 UTC	YL with a strange message: 755/555/00 Contr: (MUK)
6923	E11	Mode: USB Date/time: 17-2-2011, 1635 UTC	755/555/00 Contr: (MUK)
6924	E07	Mode: AM Date/time: Mon 14-2-2011, 2020 UTC	798 0 Contr: (HFD)
6924	E07a	Mode: AM Date/time: 16-2-2011, 2020 UTC	798 798 798 000 Contr: (FN)
6964	M12	Mode: CW Date/time: 1-2-2011, 0511 UTC	983 983 983 000 Contr: (ALF)
6964	M12	Mode: CW Date/time: Thu 10-2-2011, 0510 UTC	983 0 Contr: (HFD)
6965	S06	Mode: AM Date/time: Mon 14-2-2011, 2115 UTC	684 0 Contr: (HFD)
6998	M42	Mode: Baudot 50/500 Date/time: 12-2-2011, 1348 UTC	Russian Gov/Intel. 150x5FGs "... 16615 =150= // -1349 K" into CW Contr: (ALF)
7030	S06s	Mode: AM Date/time: 16-2-2011, 1200 UTC	481 293 5 79845 Contr: (FN)
7038.9	MX	Mode: USB Date/time: Wed 9-2-2011, 1441 UTC	Beacon "C", Moscow Contr: (danix)
7039	MX	Mode: CW Date/time: 5-2-2011, 1327 UTC	Beacon "C" Contr: (AB)
7039.0	MX	Mode: USB Date/time: Wed 9-2-2011, 1441 UTC	Beacon "S", Severomosk Contr: (danix)
7039.0	MX	Mode: USB Date/time: Sat 12-2-2011, 0956 UTC	Beacon C, Moscow Contr: (danix)
7039.0	MX	Mode: USB Date/time: Sat 19-2-2011, 1406 UTC	Beacon C, Moscow Contr: (danix)
7039.1	MX	Mode: CW Date/time: 12-2-2011, 1300 UTC	Beacon "A" Astrakhan Contr: (AB)
7039.2	MX	Mode: CW Date/time: 6-2-2011, 1051 UTC	Beacon "F" Vladivostok Contr: (norave)
7039.2	MX	Mode: CW Date/time: 12-2-2011, 1305 UTC	Beacon "F" Vladivostok Contr: (AB-HK)
7039.3	MX	Mode: CW Date/time: 12-2-2011, 1305 UTC	Beacon "K" Petropavlovsk Kamchatskiy Contr: (AB-HK)

7039.4	MX	Mode: CW Date/time: 12-2-2011, 1238 UTC	Beacon "M" Magadan Contr: (AB-HK)
7070	S06s	Mode: AM Date/time: 11-2-2011, 0610 UTC	934 271 5 67521 Contr: (FN)
7150	S06s	Mode: AM Date/time: 18-2-2011, 0700 UTC	196 407 5 43561 Contr: (FN)
7317	E11	Mode: USB Date/time: 8-2-2011, 0820 UTC	438/00 Contr: (HS2)
7317	E11	Mode: USB Date/time: 15-2-2011, 0820 UTC	438/00 Contr: (HS2)
7335	S06s	Mode: AM Date/time: 2-2-2011, 0830 UTC	745 930 6 67378 Contr: (FN)
7335	S06s	Mode: AM Date/time: 2-2-2011, 0830 UTC	745 930 6 67378 55148 50485 61575 60325 40853 930 6 00000 Contr: (HS2)
7353	S06	Mode: AM Date/time: 4-2-2011, 0938 UTC	OM in progress, strong. Ending: ...02215 35593 642 53 00000. Ended 0946z. Contr: (HS2)
7436	S06s	Mode: AM Date/time: 14-2-2011, 1600 UTC	176 840 5 20133 Contr: (FN)
7436.0	S06	Mode: USB Date/time: Mon 7-2-2011, 0016 UTC	ID: 176/ 840/ grps: 5; first group: 20133 Contr: (why-SVK)
7440	S06s	Mode: AM Date/time: 8-2-2011, 0810 UTC	418 293 5 45964 Contr: (FN)
7440	S06s	Mode: AM Date/time: 15-2-2011, 0810 UTC	418 230 5 28376 45638 09981 24451 89125 230 5 00000 Contr: (HS2)
7463	M12	Mode: CW Date/time: 14-2-2011, 1408 UTC	i.p. ends 1428z Contr: (FN)
7491	M12	Mode: CW Date/time: Mon 14-2-2011, 0540 UTC	281 1 Contr: (HFD)
7504	S11a	Mode: USB Date/time: 8-2-2011, 0915 UTC	484/00 Contr: (HS2)
7504	S11a	Mode: USB Date/time: 11-2-2011, 0915 UTC	484/00 Contr: (HS2)
7504	S11a	Mode: USB Date/time: 15-2-2011, 0915 UTC	484/00 Contr: (HS2)
7519.0	M08a	Mode: CW Date/time: Fri 4-2-2011, 2200 UTC	5f cut nums: 37852 50031 01142 Very weak sig. Contr: (westli)
7519.0	M08a	Mode: MCW Date/time: Fri 4-2-2011, 2200 UTC	S9+20dB. Loud and clear, against Radio Farda. Contr: (Pres)
7520	S06s	Mode: AM Date/time: 9-2-2011, 1910 UTC	371 859 6 01741 Contr: (FN)
7523	XPA	Mode: AM Date/time: Thu 3-2-2011, 1920 UTC	msg BC QRM Contr: (HFD)
7602	M89	Mode: CW Date/time: 11-2-2011, 2138 UTC	V DKG6 DKG6 DKG6 de 3A7D 3A7D Contr: (VL)
7602	M89	Mode: CW Date/time: 20-2-2011, 2329 UTC	3A7Dá Contr: (Joe)
7602	M89	Mode: CW Date/time: 22-2-2011, 1955 UTC	v DKG6 DKG6 DKG6 de 3A7D 3A7D 3A7D Contr: (FN)
7625	M42	Mode: RUS-ARQ Date/time: 14-2-2011, 0954 UTC	RRL2: Russian Gov/Intel. Contr: (TJ)
7672	M12	Mode: CW Date/time: 3-2-2011, 0520 UTC	876 1 193 169 14767 Contr: (FN)
7672	M12	Mode: CW Date/time: Thu 24-2-2011, 0520 UTC	876 1 Contr: (HFD)
7676	M01b?	Mode: CW Date/time: 21-2-2011, 0834 UTC	i.p. 195 175 50 == 64145 ... 81532 == 175 50 000 Contr: (FN)
7690	E10	Mode: AM Date/time: 11-2-2011, 1600 UTC	ART G26 RAGKP //6840 kHz Contr: (HS2)
7690	E10	Mode: AM Date/time: 11-2-2011, 1600 UTC	ART msg gr 26 txt RAGKP BYLPE ... Contr: (FN)

7690	E10	Mode: AM Date/time: 11-2-2011, 1630 UTC	YHF G52 QOXNY //6840 kHz Contr: (HS2)
7690	E10	Mode: AM Date/time: 11-2-2011, 1700 UTC	ART G60 AOVOH //6840 kHz Contr: (HS2)
7690	E10	Mode: AM Date/time: 22-2-2011, 1430 UTC	EZI gr 73 txt ZFFCB Contr: (FN)
7690.0	E10	Mode: AM Date/time: Sat 5-2-2011, 0630 UTC	Callsign EZI-2 Null transmission strong/clear Contr: (Ewok-IT)
7690.0	E10	Mode: USB Date/time: Sun 6-2-2011, 0100 UTC	Callsign EZI Grp Ct 16 First Gp GNVYA (Repeat of 31 JAN 0100Z 6840 kHz) Contr: (Ewok-IT)
7697	E07	Mode: AM Date/time: Wed 2-2-2011, 1800 UTC	689 0 Contr: (HFD)
7697	E07	Mode: AM Date/time: 2-2-2011, 1800 UTC	689 689 689 000 Contr: (FN)
7697	E07	Mode: AM Date/time: 6-2-2011, 1800 UTC	689 689 689 000 Contr: (FN)
7697	E07	Mode: AM Date/time: 9-2-2011, 1800 UTC	689 689 689 000 for two minutes Contr: (PPA)
7697	E07a	Mode: AM Date/time: 13-2-2011, 1800 UTC	689 689 689 000 Contr: (FN)
7697	M12	Mode: CW Date/time: 16-2-2011, 1500 UTC	214 1 469 381 25399 Contr: (FN)
7697.0	E07	Mode: AM Date/time: Wed 9-2-2011, 0018 UTC	ID 689 689 689 000; null msg Contr: (why-SVK)
7697.0	E07	Mode: AM Date/time: Sun 27-2-2011, 1800 UTC	ID:683. Fair, null msg. QSB3. 683 683 683 000. Contr: (SWL1409)
7724	E07	Mode: AM Date/time: Mon 14-2-2011, 2000 UTC	798 0 Contr: (HFD)
7756	VC01	Mode: USB Date/time: 27-2-2011, 2249 UTC	Chinese Robot, yl/cc rapid numbers Contr: (linkz)
7756.0	VC01	Mode: USB Date/time: Thu 24-2-2011, 2026 UTC	Chinese robot in progress. Contr: (SWL1409)
7833	M89	Mode: CW Date/time: 16-2-2011, 0134 UTC	V QPZM (x3) DE WOXN (x2) (Cont'd) Contr: (JPL-HK)
7840	S06	Mode: AM Date/time: 2-2-2011, 0830 UTC	471 980 5 11447 Contr: (FN)
7865	S06s	Mode: AM Date/time: 10-2-2011, 1230 UTC	314 986 5 87923 Contr: (FN)
7882	M12	Mode: CW Date/time: Thu 10-2-2011, 0530 UTC	983 0 Contr: (HFD)
7918	E10	Mode: AM Date/time: 1-2-2011, 1930 UTC	YHF1 Contr: (MUK)
7931	M12	Mode: CW Date/time: 14-2-2011, 1920 UTC	257 1 9680 66 38982 Contr: (FN)
7960	M31	Mode: USB Date/time: 10-2-2011, 1033 UTC	CALORIE: French Air Force; test tape. "CECI EST UNE MISSION DE CALORIE DESTINE AU REGLAGE DE VOTRE RECEPTEUR, LUNDI, MARDI, MERCREDI" etc. Contr: (ALF)
8000	---	Mode: LSB Date/time: 25-1-2011, 0803 UTC	Unid EE/YL letters & numbers; heard on 8, 11, 14 MHz Contr: (LDO)
8009.0	M08a	Mode: CW Date/time: Thu 10-2-2011, 2200 UTC	5f cut nums: 38301 80111 12281 Weak sig. Fast mode. Contr: (westli)
8009.0	M08a	Mode: CW Date/time: Wed 23-2-2011, 2300 UTC	44261 66341 13472. Weak. Contr: (BCA)
8009.0	M08a	Mode: CW Date/time: Wed 23-2-2011, 2300 UTC	5f cut nums: 44261 66341 13472 Contr: (westli)
8047	M12	Mode: CW Date/time: Wed 2-2-2011, 1800 UTC	463 1 Contr: (HFD)
8047.0	M12	Mode: USB Date/time: Wed 23-2-2011, 1800 UTC	message Contr: (danix)

8079	M12	Mode: CW Date/time: Mon 7-2-2011, 0640 UTC	480 1 Contr: (HFD)
8091	E11	Mode: USB Date/time: 2-2-2011, 1045 UTC	463/36 A 36461 25513 2362 OUT 1055z Contr: (HS2)
8091	E11	Mode: USB Date/time: 8-2-2011, 1045 UTC	469/00 Contr: (HS2)
8091	E11	Mode: USB Date/time: 15-2-2011, 1045 UTC	469/00 Contr: (HS2)
8096.0	M08a	Mode: CW Date/time: Wed 2-2-2011, 1300 UTC	5f cut nums: 25672 77581 83042 Good sig. Contr: (westli)
8096.0	M08a	Mode: CW Date/time: Fri 11-2-2011, 1400 UTC	5f cut nums: 06852 47241 21141 Contr: (westli)
8096.0	M08a	Mode: CW Date/time: Mon 21-2-2011, 1300 UTC	5f cut nums: 85501 16251 10882 Contr: (westli)
8096.0	M08a	Mode: CW Date/time: Mon 21-2-2011, 1400 UTC	5f cut nums: 85501 16251 10882 Weak sig. Contr: (westli)
8096.0	M08a	Mode: CW Date/time: Wed 23-2-2011, 1300 UTC	5f cut nums: 06212 50301 53022 Good sig. Contr: (westli)
8096.0	M08a	Mode: CW Date/time: Wed 23-2-2011, 1400 UTC	5f cut nums: 05811 86252 16531 Contr: (westli)
8096.0	M08a	Mode: CW Date/time: Mon 28-2-2011, 1300 UTC	5f cut nums: 65661 67012 51641 Contr: (westli)
8096.0	M08a	Mode: CW Date/time: Mon 28-2-2011, 1400 UTC	5f cut nums: 65661 67012 51641 Weak sig. Contr: (westli)
8096.0	SK01	Mode: RDFT Date/time: Wed 2-2-2011, 1800 UTC	fixing previous post. Contr: (Pres)
8096.0	SK01	Mode: RDFT Date/time: Wed 2-2-2011, 1814 UTC	Contr: (Pres)
8123	XPA	Mode: AM Date/time: Thu 3-2-2011, 1900 UTC	msg QRM Contr: (HFD)
8123.0	XPA	Mode: USB Date/time: Tue 8-2-2011, 1900 UTC	Extremelly weak signal. Contr: (danix)
8135.0	M08a	Mode: CW Date/time: Tue 1-2-2011, 2300 UTC	53642 71651 27781. Weak but readable. Contr: (BCA)
8135.0	M08a	Mode: CW Date/time: Tue 1-2-2011, 2300 UTC	5f cut nums: 53642 71651 27781 Weak sig. Contr: (westli)
8135.0	M08a	Mode: CW Date/time: Thu 3-2-2011, 2300 UTC	5f cut nums: 55702 05472 77171 Contr: (westli)
8135.0	M08a	Mode: CW Date/time: Fri 4-2-2011, 2300 UTC	5f cut nums: 37852 50031 01142 Contr: (westli)
8135.0	M08a	Mode: CW Date/time: Thu 10-2-2011, 2300 UTC	5f cut nums: 38301 80111 12281 Fast mode. Contr: (westli)
8135.0	M08a	Mode: CW Date/time: Mon 14-2-2011, 2300 UTC	5f cut nums: 76151 28061 44421 Contr: (westli)
8135.0	M08a	Mode: CW Date/time: Tue 15-2-2011, 2300 UTC	5f cut nums: 21782 48701 85821 Very weak sig. Contr: (westli)
8135.0	M08a	Mode: CW Date/time: Thu 17-2-2011, 2300 UTC	Too weak. CIP 2303z. Contr: (BCA)
8176	M12	Mode: CW Date/time: 2-2-2011, 1910 UTC	421 1 264 87 84629 Contr: (FN)
8176	M12	Mode: CW Date/time: 6-2-2011, 1910 UTC	421 1 264 87 84629 Contr: (FN)
8180	SK01	Mode: RDFT Date/time: 24-2-2011, 0921 UTC	RDFT file transmission exactly every 5 minutes. File is 1026 bytes. Frequency changed to 8186Khz at 0950z Contr: (NC)
8180.0	SK01	Mode: RDFT Date/time: Thu 24-2-2011, 0900 UTC	File: 77182174.txt (1026 bytes) Signal S9+20 Contr: (cnick6)
8186	SK01	Mode: RDFT Date/time: 24-2-2011, 0921 UTC	RDFT file transmission Contr: (NC)
8188.0	M08a	Mode: CW Date/time: Wed 16-2-2011, 1706 UTC	5F i/p, very good sig. Contr: (SWL1409)

8188.0	M14	Mode: CW Date/time: Tue 8-2-2011, 1704 UTC	(i.p.)68841 87536 66961==637 637 42 42 ttttt Contr:
8189	M14	Mode: CW Date/time: 6-2-2011, 1705 UTC	in progress "75251 75251 T8974 T8974 64395 64395 = = 754 754 32 32" Contr: (Joe)
8193	M12	Mode: CW Date/time: 14-2-2011, 1338 UTC	i.p. ends 1358z vy long msg, sked displaced Contr: (FN)
8215	S06s	Mode: AM Date/time: 18-2-2011, 0710 UTC	196 407 5 43561 Contr: (FN)
8420	S06s	Mode: AM Date/time: 14-2-2011, 1300 UTC	831 420 5 11278 Contr: (FN)
8493.7	MX	Mode: CW Date/time: Fri 4-2-2011, 2014 UTC	SLHFB "D". Good to very good sig. Contr: (SWL1409)
8494.7	MX	Mode: CW Date/time: 5-2-2011, 1327 UTC	Beacon "D" Contr: (AB)
8494.7	MX	Mode: USB Date/time: Wed 9-2-2011, 1443 UTC	Beacon "D", Sevastopol Contr: (danix)
8494.9	MX	Mode: USB Date/time: Sat 12-2-2011, 0958 UTC	Beacon S, Severomosk Contr: (danix)
8494.9	MX	Mode: USB Date/time: Sat 19-2-2011, 1406 UTC	Beacon S, Severomosk Contr: (danix)
8495.4	MX	Mode: CW Date/time: 12-2-2011, 1255 UTC	Beacon "M" Magadan Contr: (AB-HK)
8530	S06s	Mode: AM Date/time: 9-2-2011, 1900 UTC	371 859 6 01741 Contr: (FN)
8550.5	XSL	Mode: 8 tone PSK/800/2400 Date/time: 13-2-2011, 0316 UTC	Japanese Navy "slot machine" Contr: (PPA-J)
8587.5	XSL	Mode: 8 tone PSK/800/2400 Date/time: 13-2-2011, 0309 UTC	Japanese Navy "slot machine" Contr: (PPA-J)
8703.0	XSL	Mode: 8 tone PSK/800/2400 Date/time: 13-2-2011, 0304 UTC	Japanese Navy "slot machine" Contr: (PPA-J)
8703.5	XSL	Mode: PSK Date/time: Wed 16-2-2011, 1700 UTC	All over HF. Strong S5. Contr: (BCA)
9040.0	V02a	Mode: AM Date/time: Wed 2-2-2011, 0900 UTC	SSYL atencion: 73121 48412 80661 Contr: (westli)
9040.0	V02a	Mode: AM Date/time: Wed 9-2-2011, 0900 UTC	SSYL atencion: 67481 12001 36451 Good sig. Contr: (westli)
9054	V26	Mode: USB Date/time: 8-2-2011, 0851 UTC	In progress until 0857z. Contr: (HS2)
9063.0	M08a	Mode: MCW Date/time: Wed 2-2-2011, 0800 UTC	5f cut nums: 08662 00372 00562 VG sig. Contr: (westli)
9063.0	M08a	Mode: MCW Date/time: Wed 16-2-2011, 0800 UTC	5f cut nums: 57332 53581 08001 Contr: (westli)
9063.0	M08a	Mode: MCW Date/time: Sat 19-2-2011, 0800 UTC	5f cut nums: 76261 81081 45481 Contr: (westli)
9063.0	M08a	Mode: MCW Date/time: Wed 23-2-2011, 0800 UTC	5f cut nums: 12831 43772 37231 VG sig. Contr: (westli)
9063.0	M08a	Mode: MCW Date/time: Fri 25-2-2011, 0800 UTC	5f cut nums: 11132 23412 12061 VG sig. Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Fri 4-2-2011, 1000 UTC	5f cut nums: 40772 08522 86312 VG sig. Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Sun 6-2-2011, 1000 UTC	5f cut nums: 84042 27701 76421 Very weak sig. Barely audible Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Mon 7-2-2011, 1000 UTC	5f cut nums: 32461 72402 27281 Good sig. Missed leadoff ID. Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Fri 11-2-2011, 1000 UTC	5f cut nums: 60612 36151 18052 Good sig. Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Sun 13-2-2011, 1000 UTC	5f cut nums: 08772 13683 31362 Very weak sig. Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Mon 14-2-2011, 1000 UTC	5f cut nums: 12582 10391 83521 VG sig. Contr: (westli)

9112.0	M08a	Mode: MCW Date/time: Sat 19-2-2011, 1000 UTC	5f cut nums: 79981 26262 61482 Good sig. Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Sun 20-2-2011, 1000 UTC	5f cut nums: 27642 07312 22752 Good sig. Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Fri 25-2-2011, 1000 UTC	5f cut nums: 45101 15001 70482 VG sig. Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Sun 27-2-2011, 1000 UTC	5f cut nums: 19591 38022 06361 VG sig. Contr: (westli)
9112.0	M08a	Mode: MCW Date/time: Mon 28-2-2011, 1000 UTC	5f cut nums: 65281 06531 45261 VG sig. Contr: (westli)
9135	S06s	Mode: AM Date/time: 1-2-2011, 0810 UTC	352 481 6 15632 96713 42597 50855 64545 35274 481 6 00000 Contr: (HS2)
9140	M42	Mode: CIS-14 2x100/500 Date/time: 28-2-2011, 0747 UTC	RCV26: Russian Gov/Intel. Contr: (TJ)
9153.0	M08a	Mode: MCW Date/time: Fri 11-2-2011, 0700 UTC	5f cut nums: 55812 15512 81511 Contr: (westli)
9153.0	M08a	Mode: MCW Date/time: Wed 16-2-2011, 0700 UTC	5f cut nums: 57332 53581 08001 Contr: (westli)
9153.0	M08a	Mode: MCW Date/time: Sat 19-2-2011, 0700 UTC	5f cut nums: 76261 81081 45481 Good sig. Contr: (westli)
9153.0	M08a	Mode: MCW Date/time: Wed 23-2-2011, 0700 UTC	5f cut nums: 12831 43772 37231 VG sig. Contr: (westli)
9153.0	M08a	Mode: MCW Date/time: Fri 25-2-2011, 0700 UTC	5f cut nums: 11132 23412 12061 VG sig. Contr: (westli)
9153.0	V26	Mode: USB Date/time: Wed 16-2-2011, 1340 UTC	CCYL. 3-fig groups in Mandarin. Missed preambles. Contr: (westli)
9240.0	V02a	Mode: AM Date/time: Wed 2-2-2011, 1000 UTC	SSYL atencion: 73121 48412 80661 Contr: (westli)
9240.0	V02a	Mode: AM Date/time: Wed 9-2-2011, 1000 UTC	SSYL atencon: 67481 12001 36451 VG sig. Contr: (westli)
9240.0	V02a	Mode: AM Date/time: Wed 16-2-2011, 1000 UTC	SSYL atencion: 66394 30062 23321 Good sig. Contr: (westli)
9240.0	V02a	Mode: AM Date/time: Wed 23-2-2011, 1000 UTC	SSYL atencion: 42161 46651 40152 Contr: (westli)
9260	S06s	Mode: AM Date/time: 2-2-2011, 0840 UTC	328 941 5 46154 Contr: (FN)
9276	M12	Mode: CW Date/time: 2-2-2011, 1850 UTC	421 1 264 87 84629 Contr: (FN)
9276	M12	Mode: CW Date/time: 6-2-2011, 1850 UTC	421 1 264 87 84629 Contr: (FN)
9445	V07	Mode: AM Date/time: 11-2-2011, 1243 UTC	in progress Contr: (HS2)
9446	E11	Mode: USB Date/time: 2-2-2011, 0900 UTC	534/00 Contr: (HS2)
9446	E11	Mode: USB Date/time: Thu 3-2-2011, 0830 UTC	649/00 Contr: (HFD)
9446	E11	Mode: USB Date/time: Mon 28-2-2011, 0900 UTC	534/00 Contr: (HFD)
9450	E25	Mode: AM Date/time: 6-2-2011, 1315 UTC	YL; message: 785 23 78 81 1 1 2 14 18 19 21 2 27 85 43 78 8 1 1 1 2 1 4 1 8 19 2 1 2 2 7 85 78 78 etc Contr: (MUK)
9450	E25	Mode: AM Date/time: 15-2-2011, 1203 UTC	275(repeated) 4120 3071 1910 2100 8346 2557 2550 4072 7113 2372 7044 0128 9066 0427 4026 0913 1910] EOM 1209z Contr: (HS2)
9450	E25	Mode: USB Date/time: 19-2-2011, 1315 UTC	YL in progress ... 785 32 788 30 31 Contr: (HS2)
9450	E25	Mode: USB Date/time: 22-2-2011, 1245 UTC	440(R10) 8237 4001 4710 8877 1161 8115 5908 8141 0105 3069 1730 7919 4710 EOM EOT Contr: (FN)
9450	E25	Mode: USB Date/time: 22-2-2011, 1350 UTC	222 7045 3431 6661 0504 5868 4033 2180 5602 1733 4275 2167 7589 6661 EOM EOT Contr: (FN)

9505.0	M08a	Mode: CW Date/time: Mon 21-2-2011, 1300 UTC	5f cut nums: 85501 16251 10882 Contr: (westli)
9505.0	M08a	Mode: CW Date/time: Thu 24-2-2011, 1300 UTC	5f cut nums: 00832 56062 Very weak sig. IDs questionable. Contr: (westli)
9505.0	M08a	Mode: CW Date/time: Mon 28-2-2011, 1300 UTC	5f cut nums: 65661 67012 51641 Contr: (westli)
9610	S11a	Mode: USB Date/time: Fri 4-2-2011, 1020 UTC	426/00 Contr: (HFD)
9610	S11a	Mode: USB Date/time: 4-2-2011, 1020 UTC	426/00 Contr: (HS2)
9610	S11a	Mode: USB Date/time: 8-2-2011, 1020 UTC	422/37 V 71005 99838 00692 Contr: (HS2)
9610	S11a	Mode: USB Date/time: 11-2-2011, 1020 UTC	422/37 V 71005 99838 00692 Contr: (HS2)
9820	E17z	Mode: USB Date/time: 3-2-2011, 0810 UTC	674 398 5 81736 Contr: (FN)
10119.0	M08a	Mode: USB Date/time: Mon 7-2-2011, 0110 UTC	Contr: (Pres)
10250	M12	Mode: CW Date/time: 14-2-2011, 0830 UTC	975 1 9060 63 69223 Contr: (FN)
10314	M01a	Mode: CW Date/time: 26-2-2011, 0930 UTC	627 627 627 48537 48537 no message Contr: (PPA)
10327	XPA	Mode: AM Date/time: Tue 1-2-2011, 0700 UTC	msg Contr: (HFD)
10432.0	M08a	Mode: MCW Date/time: Fri 4-2-2011, 0900 UTC	40772 08522 86312 Very weak sig. Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Sun 6-2-2011, 0900 UTC	5f cut nums: 84042 27701 76421 Weak sig. Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Mon 7-2-2011, 0900 UTC	5f cut nums: 01701 62781 51482 Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Fri 11-2-2011, 0900 UTC	5f cut nums: 60612 36151 18052 Good sig. Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Sun 13-2-2011, 0900 UTC	5f cut nums: 08772 13683 31362 Good sig. Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Mon 14-2-2011, 0900 UTC	5f cut nums: 34551 10351 11511 Weak sig. Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Sat 19-2-2011, 0900 UTC	5f cut nums: 79981 26262 61482 Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Sun 20-2-2011, 0900 UTC	5f cut nums: 27642 07312 22752 VG sig. Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Mon 21-2-2011, 0900 UTC	5f cut nums: 85621 21121 82811 VG sig. Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Fri 25-2-2011, 0900 UTC	5f cut nums: 45101 15001 70482 Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Sun 27-2-2011, 0900 UTC	5f cut nums: 19591 38022 06361 VG sig. Contr: (westli)
10432.0	M08a	Mode: MCW Date/time: Mon 28-2-2011, 0900 UTC	5f cut nums: 06462 06531 16802 VG sig. Contr: (westli)
10445.0	M08a	Mode: CW Date/time: Thu 17-2-2011, 0300 UTC	5f cut nums: 35432 41351 31002 Contr: (westli)
10476	M12	Mode: CW Date/time: 2-2-2011, 1830 UTC	421 1 264 87 84629 Contr: (FN)
10476	M12	Mode: CW Date/time: 6-2-2011, 1830 UTC	421 1 264 87 84629 Contr: (FN)
10635	S06s	Mode: AM Date/time: 14-2-2011, 1310 UTC	831 420 5 11278 Contr: (FN)
10715.0	M08a	Mode: CW Date/time: Wed 23-2-2011, 1300 UTC	5f cut nums: 05811 86252 16531 Contr: (westli)
10800	E11	Mode: USB Date/time: 11-2-2011, 0710 UTC	633/00 Contr: (HS2)

10800	E11	Mode: USB Date/time: 15-2-2011, 0710 UTC	636/34 A 89543 61885... Contr: (HS2)
10857.0	M08a	Mode: CW Date/time: Wed 23-2-2011, 1400 UTC	5f cut nums: 06212 50301 53022 Good sig. Contr: (westli)
10871.9	MX	Mode: CW Date/time: 12-2-2011, 1231 UTC	Beacon "S" Sevoromorsk Contr: (AB)
10871.9	MX	Mode: CW Date/time: 18-2-2011, 1150 UTC	Beacon "S" Sevoromorsk Contr: (AB)
10872	MX	Mode: CW Date/time: 5-2-2011, 1243 UTC	Beacon "C" Contr: (AB)
10872	MX	Mode: CW Date/time: 12-2-2011, 1231 UTC	Beacon "C" Moscow Contr: (AB)
10872	MX	Mode: CW Date/time: 18-2-2011, 1150 UTC	Beacon "C" Moscow Contr: (AB)
10872.0	MX	Mode: USB Date/time: Wed 9-2-2011, 1444 UTC	Beacon "C", Moscow Contr: (danix)
10872.0	MX	Mode: USB Date/time: Sat 12-2-2011, 0959 UTC	Beacon C, Moscow Contr: (danix)
10872.2	MX	Mode: CW Date/time: 13-2-2011, 0338 UTC	Beacon "K" Petropavlovsk Kamchatskiy Contr: (PPA-J)
10872.3	MX	Mode: CW Date/time: 13-2-2011, 0339 UTC	Beacon "M" Magadan Contr: (PPA-J)
10920	S06s	Mode: AM Date/time: 17-2-2011, 1210 UTC	425 971 6 95613 Contr: (FN)
11000	---	Mode: LSB Date/time: 2-2-2011, 1028 UTC	Unid EE/YL letters & numbers; heard on 8, 11, 14 MHz Contr: (HS2)
11025	X06	Mode: AM Date/time: 8-2-2011, 1007 UTC	Mazielka. Sequence: 612534 Contr: (HS2)
11053	E07	Mode: AM Date/time: 19-2-2011, 0908 UTC	OM/EE 5F msg in progress ending 000 000 Contr: (PPA)
11170	E17	Mode: USB Date/time: 17-2-2011, 0800 UTC	674 281/5 Contr: (MUK)
11170	E17z	Mode: USB Date/time: 3-2-2011, 0800 UTC	674 398 5 81736 Contr: (FN)
11415	S06s	Mode: AM Date/time: 2-2-2011, 0850 UTC	328 941 5 46154 Contr: (FN)
11462	X06	Mode: AM Date/time: 15-2-2011, 0909 UTC	Mazielka. Sequence: 165423 Contr: (HS2)
11565.0	M08a	Mode: CW Date/time: Thu 17-2-2011, 0400 UTC	5f cut nums: 35432 41351 31002 Weak sig. Blkd by digital sig. Contr: (westli)
11627	XPA	Mode: AM Date/time: Tue 1-2-2011, 0720 UTC	msg Contr: (HFD)
11780	S06s	Mode: AM Date/time: 4-2-2011, 0930 UTC	516 423 7 78645 Contr: (FN)
11830	S06s	Mode: AM Date/time: 2-2-2011, 0840 UTC	745 930 6 67378 Contr: (FN)
12115.0	M08a	Mode: CW Date/time: Mon 28-2-2011, 1300 UTC	5f cut nums: 07382 01661 04382 Contr: (westli)
12134.0	M08a	Mode: CW Date/time: Thu 3-2-2011, 1400 UTC	5f cut nums: 85071 03521 43432 Good sig. Contr: (westli)
12134.0	M08a	Mode: CW Date/time: Mon 7-2-2011, 1400 UTC	5f cut nums: 40052 50802 26231 Good sig. Contr: (westli)
12134.0	M08a	Mode: CW Date/time: Thu 10-2-2011, 1400 UTC	5f cut nums: 71041 74262 47161 Weak sig. missed lead-off ID. Contr: (westli)
12134.0	M08a	Mode: CW Date/time: Mon 14-2-2011, 1400 UTC	5f cut nums: 77582 61442 18752 Contr: (westli)
12134.0	M08a	Mode: CW Date/time: Thu 17-2-2011, 1400 UTC	5f cut nums: 48242 03272 61002 Good sig. Missed leadoff ID. Contr: (westli)
12134.0	M08a	Mode: CW Date/time: Mon 21-2-2011, 1400 UTC	5f cut nums: 33752 80402 84122 Contr: (westli)

12134.0	M08a	Mode: CW Date/time: Mon 28-2-2011, 1400 UTC	5f cut nums: 07382 01661 04382 VG sig. Contr: (westli)
12138	M12	Mode: CW Date/time: 18-2-2011, 0740 UTC	238 1 1268 197 86304 Contr: (FN)
12155	S06s	Mode: AM Date/time: 17-2-2011, 1200 UTC	425 971 6 95613 Contr: (FN)
12180.0	M08a	Mode: CW Date/time: Tue 8-2-2011, 1900 UTC	5f cut nums: 52722 21811 56081 Weak sig Contr: (westli)
12180.0	M08a	Mode: CW Date/time: Tue 22-2-2011, 1900 UTC	5f cut nums: 72282812 Very weak sig. Contr: (westli)
12180.0	V02a	Mode: AM Date/time: Tue 1-2-2011, 1900 UTC	SSYL atencion: 56322 28532 74651 Weak sig. Contr: (westli)
12180.0	V02a	Mode: AM Date/time: Tue 22-2-2011, 1900 UTC	SSYL atencion: 55741 54082 70301 Weak sig. Contr: (westli)
12180.0	V02a	Mode: AM Date/time: Thu 24-2-2011, 1900 UTC	SSYL atencion: 72231 55212 28102 Contr: (westli)
12300	X06	Mode: AM Date/time: 24-2-2011, 0748 UTC	Mazielka. Sequence: 145 (3 tone rising scale) Contr: (HS2)
12365	S06s	Mode: AM Date/time: 2-2-2011, 1000 UTC	729 836 5 73417 Contr: (FN)
12365	S06s	Mode: AM Date/time: 16-2-2011, 1000 UTC	729 450 6 91150 Contr: (FN)
12530	S11a	Mode: USB Date/time: Thu 3-2-2011, 1015 UTC	475/00 Contr: (HFD)
12570	S06s	Mode: AM Date/time: 4-2-2011, 0940 UTC	516 423 7 78645 Contr: (FN)
12952	S06s	Mode: AM Date/time: Thu 3-2-2011, 0900 UTC	167-943/5=65423 Contr: (HFD)
12952	S06s	Mode: AM Date/time: 3-2-2011, 0900 UTC	167 943 5 65423 Contr: (FN)
13375.0	M08a	Mode: CW Date/time: Tue 8-2-2011, 1400 UTC	5f cut nums: 70711 100.1 762.1 Very weak sig. IDs very questionable Contr: (westli)
13375.0	M08a	Mode: CW Date/time: Tue 22-2-2011, 1400 UTC	5f cut nums: 73781 53231 75252 Very weak sig. Contr: (westli)
13380.0	M08a	Mode: CW Date/time: Tue 8-2-2011, 2300 UTC	5f cut nums: 37521 20661 17272 Contr: (westli)
13380.0	M08a	Mode: CW Date/time: Thu 10-2-2011, 2000 UTC	5f cut nums: 40771 18781 86.41 Weak sig. QSB3 Contr: (westli)
13380.0	V02a	Mode: AM Date/time: Tue 1-2-2011, 2000 UTC	Atencion 56322 28532 74651. Good S3 signal. Contr: (BCA)
13380.0	V02a	Mode: AM Date/time: Tue 1-2-2011, 2000 UTC	SSYL atencion: 56322 28532 74651 Contr: (westli)
13380.0	V02a	Mode: AM Date/time: Thu 3-2-2011, 2000 UTC	SSYL atencion: 20282 70151 58861 Contr: (westli)
13380.0	V02a	Mode: AM Date/time: Tue 8-2-2011, 2000 UTC	Contr: (Pres)
13380.0	V02a	Mode: AM Date/time: Tue 8-2-2011, 2000 UTC	SSYL atencion: 78271 18251 77071 Weak sig. QSB3 Contr: (westli)
13380.0	V02a	Mode: AM Date/time: Tue 22-2-2011, 2000 UTC	SSYL atencion: 55741 54082 70301 Very weak sig. o Contr: (westli)
13380.0	V02a	Mode: AM Date/time: Tue 22-2-2011, 2000 UTC	Atencion 55741 74082 70301. Weak. Contr: (BCA)
13427	XPA	Mode: AM Date/time: Tue 1-2-2011, 0740 UTC	msg Contr: (HFD)
13510	X06	Mode: AM Date/time: 22-2-2011, 1058 UTC	Mazielka. Sequence: 612534 Contr: (HS2)
13527.7	MX	Mode: CW Date/time: 5-2-2011, 1243 UTC	Beacon "D" Contr: (AB)
13527.7	MX	Mode: USB Date/time: Wed 9-2-2011, 1445 UTC	Beacon "D", Sevastopol, weak Contr: (danix)

13527.7	MX	Mode: CW Date/time: 12-2-2011, 1231 UTC	Beacon "D" Sevastopol Contr: (AB)
13527.7	MX	Mode: CW Date/time: 18-2-2011, 1150 UTC	Beacon "D" Sevastopol Contr: (AB)
13528	MX	Mode: CW Date/time: 5-2-2011, 0723 UTC	C Beacon, Moscow Contr: (FBA)
13528	MX	Mode: CW Date/time: 12-2-2011, 1231 UTC	Beacon "C" Moscow Contr: (AB)
13528.4	MX	Mode: CW Date/time: 5-2-2011, 0724 UTC	M Beacon, Magadan Contr: (FBA)
13528.4	MX	Mode: CW Date/time: 27-2-2011, 0923 UTC	M: Navy Magadan Contr: (PPA)
13528.4	MX	Mode: CW Date/time: 28-2-2011, 0738 UTC	M: Magadan Naval ch marker Contr: (TJ)
13538.0	XPA2	Mode: USB Date/time: Tue 22-2-2011, 1440 UTC	Contr: (danix)
13538.0	XPA2	Mode: USB Date/time: Tue 22-2-2011, 1540 UTC	Contr: (danix)
13565	S06s	Mode: AM Date/time: Thu 3-2-2011, 0910 UTC	167 Contr: (HFD)
13565	S06s	Mode: AM Date/time: 3-2-2011, 0910 UTC	167 943 5 65423 Contr: (FN)
13568	MX	Mode: CW Date/time: 5-2-2011, 1243 UTC	Beacon "C" Contr: (AB)
14000	---	Mode: LSB Date/time: 2-2-2011, 1030 UTC	Unid EE/YL letters & numbers; heard on 8, 11, 14 MHz Contr: (HS2)
14280	S06s	Mode: AM Date/time: 2-2-2011, 1010 UTC	729 836 5 73417 Contr: (FN)
14280	S06s	Mode: AM Date/time: 16-2-2011, 1010 UTC	729 450 6 91150 Contr: (FN)
14410	E11	Mode: USB Date/time: 8-2-2011, 1130 UTC	758/30 A 23976 69371 66119 Contr: (HS2)
14410	E11	Mode: USB Date/time: 11-2-2011, 1129 UTC	758/30 A 48783 05671 04411 Contr: (HS2)
14410	E11	Mode: USB Date/time: 15-2-2011, 1130 UTC	758/30.... Contr: (HS2)
14538.0	XPA2	Mode: USB Date/time: Sun 20-2-2011, 1523 UTC	Null message? Contr: (Pres)
14570	X06	Mode: AM Date/time: 18-2-2011, 0925 UTC	Mazielka. Sequence: 324615 Contr: (HS2)
14631	X06	Mode: AM Date/time: 21-2-2011, 1012 UTC	Mazielka. Sequence: 362154 Contr: (HS2)
14666	E11	Mode: USB Date/time: 5-2-2011, 1209 UTC	YL/EE with 5FGs. "Fiver, niner". Off at 1210 UTC Contr: (MPJ)
14666	E11	Mode: USB Date/time: 8-2-2011, 1205 UTC	954/10 ...] 1210z Contr: (HS2)
14666	E11	Mode: USB Date/time: 11-2-2011, 1205 UTC	954/10 A 62552 93719 07189 Contr: (HS2)
14666	E11	Mode: USB Date/time: Sun 20-2-2011, 1205 UTC	954/10=61708 Contr: (HFD)
14666	E11	Mode: USB Date/time: Sun 27-2-2011, 1205 UTC	954/10 Contr: (HFD)
14666	E11	Mode: USB Date/time: 27-2-2011, 1209 UTC	954 oblique 12 followed by 5FGsx2 first groups 68173 96311 90288 Contr: (MCO)
14824	X06	Mode: AM Date/time: 18-2-2011, 1035 UTC	Mazielka. Sequence: 625413 Contr: (HS2)
14825	X06	Mode: AM Date/time: 7-2-2011, 0737 UTC	Mazielka. Sequence: 641523 Contr: (HS2)
14970	X06	Mode: AM Date/time: 16-2-2011, 1143 UTC	Mazielka. Sequence: 216354. Stops after 30 minutes !! Contr: (linkz)

15632	E11	Mode: USB Date/time: 16-2-2011, 1205 UTC	YL/EE 713/31 15187 34854 61142 53609... Contr: (linkz)
15828	X06	Mode: AM Date/time: 11-2-2011, 1043 UTC	Mazielka. Sequence: 256134 Contr: (HS2)
16223	X06	Mode: AM Date/time: 20-2-2011, 1113 UTC	Mazielka. Sequence: 164532 Contr: (linkz)
16331.7	MX	Mode: CW Date/time: 5-2-2011, 1235 UTC	Beacon "D" Contr: (AB)
16331.7	MX	Mode: USB Date/time: Sat 12-2-2011, 1000 UTC	Beacon D, Sevastopol Contr: (danix)
16331.7	MX	Mode: CW Date/time: 12-2-2011, 1231 UTC	Beacon "D" Sevastopol Contr: (AB)
16331.7	MX	Mode: CW Date/time: 18-2-2011, 1150 UTC	Beacon "D" Sevastopol Contr: (AB)
16331.9	MX	Mode: CW Date/time: 5-2-2011, 1235 UTC	Beacon "S" Contr: (AB)
16332	MX	Mode: CW Date/time: 5-2-2011, 1235 UTC	Beacon "C" Contr: (AB)
16332	MX	Mode: CW Date/time: 12-2-2011, 1231 UTC	Beacon "C" Moscow Contr: (AB)
16332	MX	Mode: CW Date/time: 18-2-2011, 1150 UTC	Beacon "C" Moscow Contr: (AB)
16332.0	MX	Mode: CW Date/time: 5-2-2011, 0721 UTC	C Beacon, Moscow Contr: (FBA)
16332.1	MX	Mode: CW Date/time: 5-2-2011, 0721 UTC	A Beacon, Astrakhan Contr: (FBA)
16530	E11	Mode: USB Date/time: 17-2-2011, 1718 UTC	5FGs x2 ends with "Out" Contr: (MCO)
20047.7	MX	Mode: CW Date/time: 5-2-2011, 1327 UTC	Beacon "D" Contr: (AB)
20047.7	MX	Mode: CW Date/time: 12-2-2011, 1231 UTC	Beacon "D" Sevastopol Contr: (AB)
20048	MX	Mode: CW Date/time: 5-2-2011, 1327 UTC	Beacon "C" Contr: (AB)
20048	MX	Mode: CW Date/time: 12-2-2011, 1231 UTC	Beacon "C" Moscow Contr: (AB)
20048	MX	Mode: CW Date/time: 18-2-2011, 1150 UTC	Beacon "C" Moscow Contr: (AB)

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